

A PROJECT REPORT ON

"SMARTCITY"

SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE DEGREE OF

BACHELOR OF COMPUTER APPLICATION (BCA)

SUBMITTED BY

SATINDER KAUR BAMRAH

AMRAPALI BHADARGE

KAMINI SAINI

UNDER THE GUIDANCE OF

DR. PREETY JAIN

MRS. MANASI GHULE

MS. HIRAL SACHALA



JANSEVA SAMITI SANCHALIT

SHRI. M. D. SHAH MAHILA COLLEGE OF ARTS AND COMMERCE

(AFFILIATED TO S.N.D.T WOMEN'S UNIVERSITY)

B.J. PATEL ROAD MALAD (WEST)

MUMBAI-400064

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DECLARATION

We Satinder Kaur Bamrah, Amrapali Bhadarge and Kamini Saini. the student of Bachelor of computer Applications (BCA) Semester VI (2022-2023) hereby declare that the project Report submitted to Shri M.D. Shah Mahila College has been entirely programmed by us to fulfill the requirement of the final Year project. We declare that this project has been completed within time. The information submitted by us is true and original to best of our knowledge.

Satinder Kaur Bamrah _____

Amrapali Bhadarge _____

Kamini Saini _____

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Introduction

City Guide is an essential whenever we are visiting a particular city. It gives us the valuable information about the city and saves the time. Our project laid a web-based platform for the city guide and can search every place in the city without taking the help of any personal guide. You can search a city for its prominent places of the city user, and can get social and political information of the city, city culture, security, entertainment, Business, Hotels, Jobs etc. The main aim of this project services provided to the users who have registered in the site. The services regarding to city political, historical, conventional places, bus routes, business companies' profile and jobs details.

Purpose of the Project:

The main aim of this project is to provide services to the users who have registered in the site. The services regarding to city political, historical, conventional places, bus routes, business companies' profile and jobs details. **Smart city** is a web-based product used to store the details of particular city and helps all the users who just visits our website. This site also provides all the services like hotel booking for tourists, Ticket booking, Transport facility providing, business related information, marketing details, city news, shopping detail. The website contains the complete information about particular city like places to be visited, site maps route maps, Business environment, Job portal, information about organization that provide transport, Hospitality and total history of the city. This website can be used by any person who is having general knowledge about internet. All the users will be first considered as anonymous user later if he needs any service then he will be treated as registered user.

It facilitates communication between users, experts and general public through chat/polls/mail. This will definitely help the users for the purpose of saving their valuable time which can't be got back which is also economically viable. This system provides a registration form for all who wants to get the services. This can be categorized based on the type of users. It provides different registration forms for different categories. In case of students if they need to download any material or to get information about coaching centers and college institutions/Incase of businessmen to get the information about any

kind of business/Incase of tourists to get the hospitality facilities/in case of jobseekers to get the information about available job details they need to give their ID& PASSWORD for security purpose and AC.NO only at the time of transactional providence.

Scope of the Project:

- It can be accessed by unlimited number of users.
- Each user will be assigned a different set of permissions for each module of the system.
- The user can have access to all the information in the site with limited services and provide extra services to registered users.
- Confirmation of end user identity and will verify which users are authorized to receive Support. Maintain history of each customer and their related information.
- Every user must have their ID& PASSWORD for security purpose.
- Only registered members will be provided with communication between user, experts and general public through poll/chat-mails.
- Administrator is created in the system already.
- The administrator has to generate daily/weekly/Monthly reports, of the business and political news of the city.
- This site is best designed to be useful through internet to people of different places.

Technical Specification

Our project title is ‘SMART CITY’, a web-based product used to store the details of particular city and helps all the users who just visits our website. This site also provides all the services like hotel booking for tourists, Ticket booking, Transport facility providing, business related information, marketing details, city news, shopping detail. The website contains the complete information about particular city like places to be visited, site maps route maps, Business environment, Job portal, information about organization that provides transport, Hospitality and total history of the city. This website can be used by any person who is having general knowledge about internet. All the users will be first considered as anonymous user later if he needs any service then he will be treated as registered user.

Overall description consists of background of the entire specific requirement. It also gives explanation about actor and function which is used. It gives explanation about architecture diagram and it also gives what we are assumed and dependencies. It also supports specific requirement and also it support functional requirement, supplementary requirement other than actor which is used. It also gives index and appendices. It also product information. Customer logging should be able to upload the information of the any required product. Customers/Company representatives logging in may also access/search any information of product related.

Frontend:

HTML

CSS

JavaScript

Bootstrap

Backend:

MySQL

Java



Eclipse is an Integrated Development Environment (IDE) mainly used for Java Development. It contains a base workspace and an extensible plug-in system for customizing the environment. It is mainly written in Java. It can also be used for development in C, C++, C#, COBOL, D, Fortran, Haskell, JavaScript and many more programming languages. In this tutorial, we will install Eclipse on CentOS. In 2001, IBM formed a consortium to support the development of Eclipse IDE. In 2004, it became the Eclipse Foundation whose main vision was to guide, implement, and share the development of open-source (software whose source code is released under a license) Eclipse projects in a vendor-neutral environment. It is an open-source Integrated Development Environment (IDE). It is written in Java. It is used to develop Java applications (Java SE and Java EE). It is also used to develop applications in other languages, such as C, C++, PHP, Python, Perl, and other web projects with the help of extensible plug-ins. We can run it on different platforms, like Windows, Linux, and macOS. Presently, it is the widely used IDE for developing Java applications.

HTML Introduction



HTML is an acronym which stands for Hyper Text Markup Language which is used for creating web pages and web applications. Let's see what is meant by Hypertext Markup Language, and Web page. Hyper Text: Hypertext simply means "Text within Text." A

text has a link within it, is a hypertext. Whenever you click on a link which brings you to a new webpage, you have clicked on a hypertext. Hypertext is a way to link two or more web pages (HTML documents) with each other.

Markup language: A markup language is a computer language that is used to apply layout and formatting conventions to a text document. Markup language makes text more interactive and dynamic. It can turn text into images, tables, links, etc.

Features of HTML

- 1) It is a very **easy and simple language**. It can be easily understood and modified.
- 2) It is very easy to make an **effective presentation** with HTML because it has a lot of formatting tags.
- 3) It is a **markup language**, so it provides a flexible way to design web pages along with the text.
- 4) It facilitates programmers to add a **link** on the web pages (by html anchor tag), so it enhances the interest of browsing of the user.
- 5) It is **platform-independent** because it can be displayed on any platform like Windows, Linux, and Macintosh, etc.
- 6) It facilitates the programmer to add **Graphics, Videos, and Sound** to the web pages which makes it more attractive and interactive.

JavaScript Introduction



JavaScript (js) is a light-weight object-oriented programming language which is used by several websites for scripting the webpages. It is an interpreted, full-fledged programming language that enables dynamic interactivity on websites when applied to an HTML document. It was introduced in the year 1995 for adding programs to the webpages in the Netscape Navigator browser. Since then, it has been adopted by all other graphical web browsers. With JavaScript, users can build modern web applications to interact directly without reloading the page every time. The traditional website uses js to provide several forms of interactivity and simplicity.

Although, JavaScript has no connectivity with Java programming language. The name was suggested and provided in the times when Java was gaining popularity in the market. In addition to web browsers, databases such as CouchDB and MongoDB uses JavaScript as their scripting and query language.

Features of JavaScript

There are following features of JavaScript:

1. All popular web browsers support JavaScript as they provide built-in execution environments.
2. JavaScript follows the syntax and structure of the C programming language.
Thus, it is a structured programming language.
3. JavaScript is a weakly typed language, where certain types are implicitly cast (depending on the operation).
4. JavaScript is an object-oriented programming language that uses prototypes rather than using
5. classes for inheritance.
6. It is a light-weighted and interpreted language.
7. It is a case-sensitive language.

8. JavaScript is supportable in several operating systems including, Windows, macOS, etc.

9. It provides good control to the users over the web browsers.

CSS Introduction



CSS stands for Cascading Style Sheets. It is a style sheet language which is used to describe the look and formatting of a document written in markup language. It provides an additional feature to HTML. It is generally used with HTML to change the style of web pages and user interfaces. It can also be used with any kind of XML documents including plain XML, SVG and XUL.

CSS is used along with HTML and JavaScript in most websites to create user interfaces for web applications and user interfaces for many mobile applications.

You can add new looks to your old HTML documents. ○ You can completely change the look of your website with only a few changes in CSS code.

Features Of CSS

These are the three major benefits of CSS:

1) Solves a big problem

Before CSS, tags like font, color, background style, element alignments, border and size had to be repeated on every web page. This was a very long process. For example: If you are developing a large website where fonts and color information are added on every

single page, it will become a long and expensive process. CSS was created to solve this problem. It was a W3C recommendation.

2) Saves a lot of time

CSS style definitions are saved in external CSS files so it is possible to change the entire website by changing just one file.

3) Provide more attributes

CSS provides more detailed attributes than plain HTML to define the look and feel of the website.

Java Introduction



- Java is an object-oriented programming language developed by Sun Microsystems, and it was released in 1995.
- James Gosling initially developed Java in Sun Microsystems (which was later merged with Oracle Corporation).
- Java is a set of features of C and C++. It has obtained its format from C, and OOP features from C++.
- Java programs are platform independent which means they can be run on any operating system with any processor as long as the Java interpreter is available on that system.
- Java code that runs on one platform does not need to be recompiled to run on another platform; it's called write once, run anywhere (WORA).

- Java Virtual Machine (JVM) executes Java code, but it has been written in platform specific languages such as C/C++/ASM, etc. JVM is not written in Java and hence cannot be platform independent, and Java interpreter is a part of JVM

Features of Java

Simple

Java is very easy to learn, and its syntax is simple, clean and easy to understand. According to Sun Microsystem, Java language is a simple programming language because:

- Java syntax is based on C++ (so easier for programmers to learn it after C++).
- Java has removed many complicated and rarely-used features, for example, explicit pointers, operator overloading, etc.
- There is no need to remove unreferenced objects because there is an Automatic Garbage Collection in Java.

Platform Independent

Java is platform independent because it is different from other languages like C, C++, etc. which are compiled into platform specific machines while Java is a write once, run anywhere language. A platform is the hardware or software environment in which a program runs.

There are two types of platforms software-based and hardware-based. Java provides a software-based platform.

The Java platform differs from most other platforms in the sense that it is a software-based platform that runs on top of other hardware-based platforms. It has two components:

1. Runtime Environment
2. API (Application Programming Interface)

Robust

The English mining of Robust is strong. Java is robust because:

- It uses strong memory management.
 - There is a lack of pointers that avoids security problems.
 - Java provides automatic garbage collection which runs on the Java Virtual Machine to get rid of objects which are not being used by a Java application anymore.
 - There are exception handling and the type checking mechanism in Java.
- All these points make Java robust

Architecture-neutral

Java is architecture neutral because there are no implementation dependent features, for example, the size of primitive types is fixed.

In C programming, int data type occupies 2 bytes of memory for 32-bit architecture and 4 bytes of memory for 64-bit architecture. However, it occupies 4 bytes of memory for both 32 and 64bit architectures in Java.

Portable

Java is portable because it facilitates you to carry the Java bytecode to any platform. It doesn't require any implementation.

Distributed

Java is distributed because it facilitates users to create distributed applications in Java. RMI and EJB are used for creating distributed applications. This feature of Java makes us able to access files by calling the methods from any machine on the internet.

Multi-threaded

A thread is like a separate program, executing concurrently. We can write Java programs that deal with many tasks at once by defining multiple threads. The main advantage of multithreading is that it doesn't occupy memory for each thread. It shares a common memory area. Threads are important for multi-media, Web applications, etc.

MySQL Introduction



MySQL is a relational database management system based on the Structured Query Language, which is the popular language for accessing and managing the records in the database. MySQL is open-source and free software under the GNU license. It is supported by **Oracle Company**.

MySQL is currently the most popular database management system software used for managing the relational database. It is open-source database software, which is supported by Oracle Company. It is fast, scalable, and easy to use database management system in comparison with

Microsoft SQL Server and Oracle Database. It is commonly used in conjunction with PHP scripts for creating powerful and dynamic server-side or web-based enterprise applications.

It is developed, marketed, and supported by **MySQL AB, a Swedish company**, and written in C programming language and C++ programming language. The official pronunciation of MySQL is not the My Sequel; it is *My Ess Que Ell. However, you can pronounce it in your way*. Many small and big companies use MySQL. MySQL supports many Operating Systems like Windows, Linux, MacOS, etc. with C, C++, and Java languages.

MySQL is a Relational Database Management System (RDBMS) software that provides many things, which are as follows:

- It allows us to implement database operations on tables, rows, columns, and indexes.
- It defines the database relationship in the form of tables (collection of rows and columns), also known as relations.

- It provides the Referential Integrity between rows or columns of various tables.
- It allows us to update the table indexes automatically.
- It uses many SQL queries and combines useful information from multiple tables for the end-users.

MySQL Features

MySQL is a relational database management system (RDBMS) based on the SQL (Structured Query Language) queries. It is one of the most popular languages for accessing and managing the records in the table. MySQL is open-source and free software under the GNU license. Oracle Company supports it.

The following are the most important features of MySQL:

Relational Database Management System (RDBMS)

MySQL is a relational database management system. This database language is based on the SQL queries to access and manage the records of the table.

Easy to use

MySQL is easy to use. We have to get only the basic knowledge of SQL. We can build and interact with MySQL by using only a few simple SQL statements.

It is secure

MySQL consists of a solid data security layer that protects sensitive data from intruders. Also, passwords are encrypted in MySQL.

Speed

MySQL is considered one of the very fast database languages, backed by a large number of the benchmark test.

High Flexibility

MySQL supports a large number of embedded applications, which makes MySQL very flexible.

High Productivity

MySQL uses Triggers, Stored procedures, and views that allow the developer to give higher productivity.

Bootstrap Introduction

What is Bootstrap?

- Bootstrap is a free front-end framework for faster and easier web development
- Bootstrap includes HTML and CSS based design templates for typography, forms, buttons, tables, navigation, modals, image carousels and many other, as well as optional JavaScript plugins
- Bootstrap also gives you the ability to easily create responsive designs

Why Use Bootstrap?

Features of Bootstrap:

- **Easy to use:** Anybody with just basic knowledge of HTML and CSS can start using Bootstrap
- **Responsive features:** Bootstrap's responsive CSS adjusts to phones, tablets, and desktops
- **Mobile-first approach:** In Bootstrap, mobile-first styles are part of the core framework
- **Browser compatibility:** Bootstrap 5 is compatible with all modern browsers (Chrome, Firefox, Edge, Safari, and Opera). **Note** that if you need support for IE11 and down, you must use either BS4 or BS3.

Software Development Life Cycle (SDLC)

A software life cycle model (also termed process model) is a pictorial and diagrammatic representation of the software life cycle. A life cycle model represents all the methods required to make a software product transit through its life cycle stages. It also captures the structure in which these methods are to be undertaken.

In other words, a life cycle model maps the various activities performed on a software product from its inception to retirement. Different life cycle models may plan the necessary development activities to phases in different ways. Thus, no element which life cycle model is followed, the essential activities are contained in all life cycle models though the action may be carried out in distinct orders in different life cycle models. During any life cycle stage, more than one activity may also be carried out.

SDLC Cycle

SDLC Cycle represents the process of developing software. SDLC framework includes the following steps:



The stages of SDLC are as follows:

Stage1: Planning and requirement analysis

Requirement Analysis is the most important and necessary stage in SDLC.

The senior members of the team perform it with inputs from all the stakeholders and domain experts or SMEs in the industry.

Planning for the quality assurance requirements and identifications of the risks associated with the projects is also done at this stage.

Stage2: Defining Requirements

Once the requirement analysis is done, the next stage is to certainly represent and document the software requirements and get them accepted from the project stakeholders.

This is accomplished through "SRS"- Software Requirement Specification document which contains all the product requirements to be constructed and developed during the project life cycle.

Stage3: Designing the Software

The next phase is about to bring down all the knowledge of requirements, analysis, and design of the software project. This phase is the product of the last two, like inputs from the customer and requirement gathering.

Stage4: Developing the project

In this phase of SDLC, the actual development begins, and the programming is built. Developers have to follow the coding guidelines described by their management and programming tools like compilers, interpreters, debuggers, etc. are used to develop and implement the code.

Stage5: Testing

After the code is generated, it is tested against the requirements to make sure that the products are solving the needs addressed and gathered during the requirements stage.

During this stage, unit testing, integration testing, system testing, acceptance testing are done.

Stage6: Deployment

Once the software is certified, and no bugs or errors are stated, then it is deployed.

Then based on the assessment, the software may be released as it is or with suggested enhancement in the object segment.

After the software is deployed, then its maintenance begins.

Stage7: Maintenance

Once when the client starts using the developed systems, then the real issues come up and requirements to be solved from time to time.

This procedure where the care is taken for the developed product is known as maintenance.

System Analysis

In Existing system, the person who are visiting a particular city need to gather information from the person who is staying in the city or take the help of the guide in the city. Gathering of all these information you need to visit the city. This possesses a lot of time and preplanning. In order to get each piece of information we need to go for help desk.

2.2.1 Limitations of Existing System:

- The existing system is a manual system. Here the city information needs to save his information in the form of excel sheets or Disk Drives.
- There is no sharing is possible if the data is in the form of paper or Disk drives.
- The manual system gives us very less security for saving data; some data may be lost due to mismanagement.
- It's a limited system and fewer users friendly.

2.3 Proposed System:

The Proposed System provides an online information about the particular city going to visit it

Users of the System

- ◆ Tourists, students, Businessmen
- ◆ Industrialists, Entrepreneur, Organizations academicians etc.
- ◆ Jobseekers

also provides additional services to the registered user. The development of this new system contains the following activities, which try to automate the entire process keeping in the view of database integration approach.

- User Friendliness is provided in the application with various controls provided by system Rich User Interface.
- The system makes the overall project management much easier and flexible.
- It can be accessed over the Intranet.

Feasibility Study

Feasibility is a preliminary study undertaken to assess whether a planned project is likely to be practical and successful and to estimate its cost. If a project is seemed to be feasible from the result of the study, the next logical study is to proceed with it. The research and information uncovered in the feasibility study will support the detailed planning and reduce the search time.

- The main objective of the feasibility study is to determine whether a certain plan of action is feasible, that is, whether or not it will work and whether or not it is worth doing economically.
- The second part of a good feasibility study should focus on the proposed plan of action and provide a detailed estimate of its cost and benefits.

This involves questions such as whether the technology needed for the system exists, how difficult it will be to build, and whether the firm has enough experience using that technology. The assessment is based on an outline design of system requirements in terms of input, process, output, fields, programs and procedures. This can be quantified in terms of volumes of data, trends, frequency of updating etc. In order to estimate if the new system will perform adequately or not. Diagnosis of large and complex software systems is a challenging task that can highly benefit from monitoring of the high-level functional requirements.

A. Economical Feasibility This is a very important aspect to be considered while developing a project. We decided the technology based on minimum possible cost factor.

- All hardware and software cost has to be borne by the organization.
- Overall, we have estimated that the benefits the organization is going to receive from the proposed system will surely overcome the initial costs and the later all running cost for system.

B. Technical Feasibility This included the study of function, performance and constraints that may affect the ability to achieve an acceptable system. For this feasibility study, we studied compete functionality to be provided in the system, as described in the system requirement specification (SRS), and checked if everything was possible using different type of frontend and backend platform.

C. Operational Feasibility No doubt the proposed System is fully GUI based that is very user friendly and all inputs to be taken all self-explanatory even to a layman. Besides, a proper training has been conducted to let know the essence of the system to the users so that they feel comfortable with new system. As far our study is concerned the clients are comfortable and happy as the system has cut their loads and doing.

System Requirement And Specification (SRS)

Functional and Non-Functional Requirements

Functional Requirements:

- ◆ Complete-map of the city with key markets and places to see marked-preferably usage of static map and live map option.
- ◆ Complete history of the city-social, political.
- ◆ Complete overview of the Businesses in the city.
- ◆ Secure registration of all users including a personal profile-only at the time of a transaction providence.
- ◆ Complete Search/site map of the entire city for easy access.
- ◆ Local news, government notices, current updates of the city.
- ◆ Local language support at user-interface and database-level.
- ◆ Facilitate communication between user, experts and general public through polls/mail/discussion forum/chat.
- ◆ Start at least 4 paid services like SMS alerts for city news, market daily rates.

Non-Functional Requirements:

- 24*7 availability
- Better component design to get better performance at peak time
- Flexible service-based architecture will be highly desirable for future extension.

4.2 User Interface Requirements

- Professional look and feel
- Use of AJAX at least with all registration forms
- Browser testing and support for IE, NN, Mozilla, and Fire fox.
- Reports exportable in .XLS, or any other desirable format.

Project Modules

There are five modules in our project. They are listed below with their description.

1. Administrator Module

2. Tourist Module

3. Student Module

4. Foodie Module

5. Jobseeker module

6. Other Module

1. Administrator Module: The admin module is the major module as it is responsible for carrying out the major operations regarding site updates, business updates, job alerts etc., It maintains information regarding other four modules. The various software components in administrator module update alerts, update industries, update hotels, view resumes, update, site information. The details regarding complete history such as political and social is entered by admin and he want he can edit the details once entered. The details regarding business details such as top companies in the city and its information are entered and he want he can edit the details once entered. The details regarding job details such as job title, vacancies and companies' profile is entered by admin and he can edit the details once entered.

The details regarding emergency such as phone numbers of with respect to emergency is entered by admin and he can edit the details one he entered. The details regarding conventional places such as description and, location, address and image of the place entered by him and he can edit the details once entered

The details regarding newspapers, city channels such which papers are available in the city entered by admin and he can edit the details once he entered. The details regarding political leaders entered by admin and he can edit the details once he entered.

2. Tourist Module: Tourist module is maintaining the information regarding the city tourist spot and popular destinations, hotels in the city etc., the user after registration is considered as authorized user. The various software components in the tourist module are view caves, view temples, view garden and beaches etc.

3. Jobseeker Module: The Jobseeker views the jobs portal and find a job availability. He then posts his resume to administrator. The various software components available in

the jobseeker module are view jobs, view city information, view institutes, view city updates, post resume, view alerts, view city location.

4.Foodie Module: Foodie module consists of information regarding various restaurants in the city like Indian, Chinese and Italian. The various components in the businessman module are view Indian Restaurants, view Chinese Restaurants, view Italian Restaurants

5. Student Module: The student module maintains the various information regarding various institutes in the city. The various components in software are view library, view books, view institutes, view engineering colleges, view coaching centers, view journals. The list of the software components involved in our project are explained below.

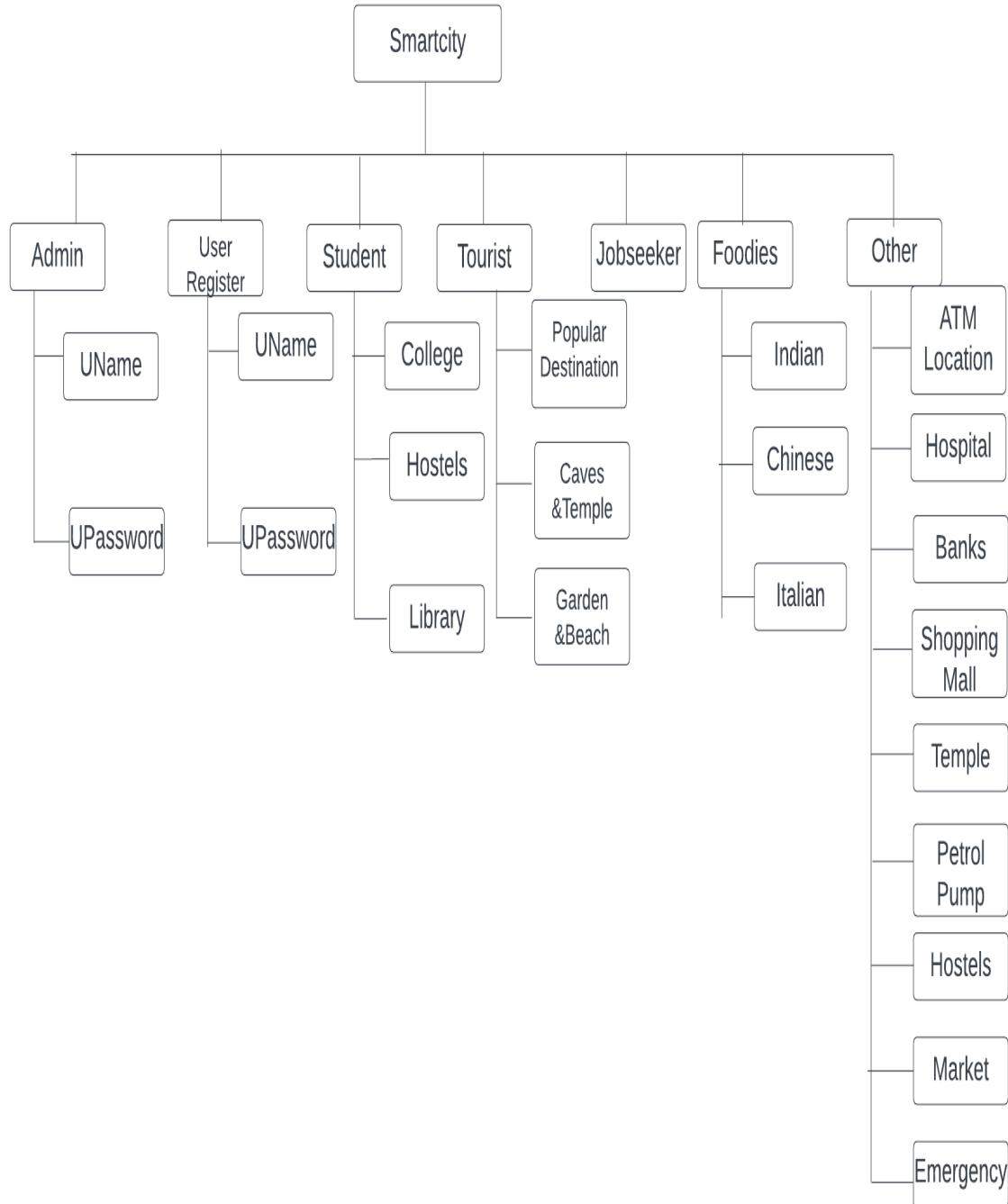
6. Other Module: The other module maintains the various information regarding various other facilities like gas booking, view ATM locations, view hospitals, car dealers, Heath Line etc.

- a) **view Industries:** It provides information regarding their location and address with some more description attributes.
- b) **view Map:** It displays the city map of the particular city by redirecting to google map and thus achieve to give the dynamic map.
- c) **Insert Alerts:** Insert alerts into the database. This is used to give time to time alerts to the user. **view Profile:** It display the information regarding different users who have registered.
- d) **bus search:** It provides the information regarding bus and timings if you give the source and destination.
- e) **view Alerts:** It provides the alerts that are stored in database.
- f) **Registration:** Provides registration facilities to the of users.
- g) **view Hospitals:** It provides the information regarding hospitals in the city.
- h) **Photo gallery:** It provides different photos sightseeing places in the city.
- i) **view City guide:** It provide the city historical information with the static city map locating key places in the city.
- j) **add emergency:** insert emergency reports into the data base. It provides emergency services that is needed by the user.

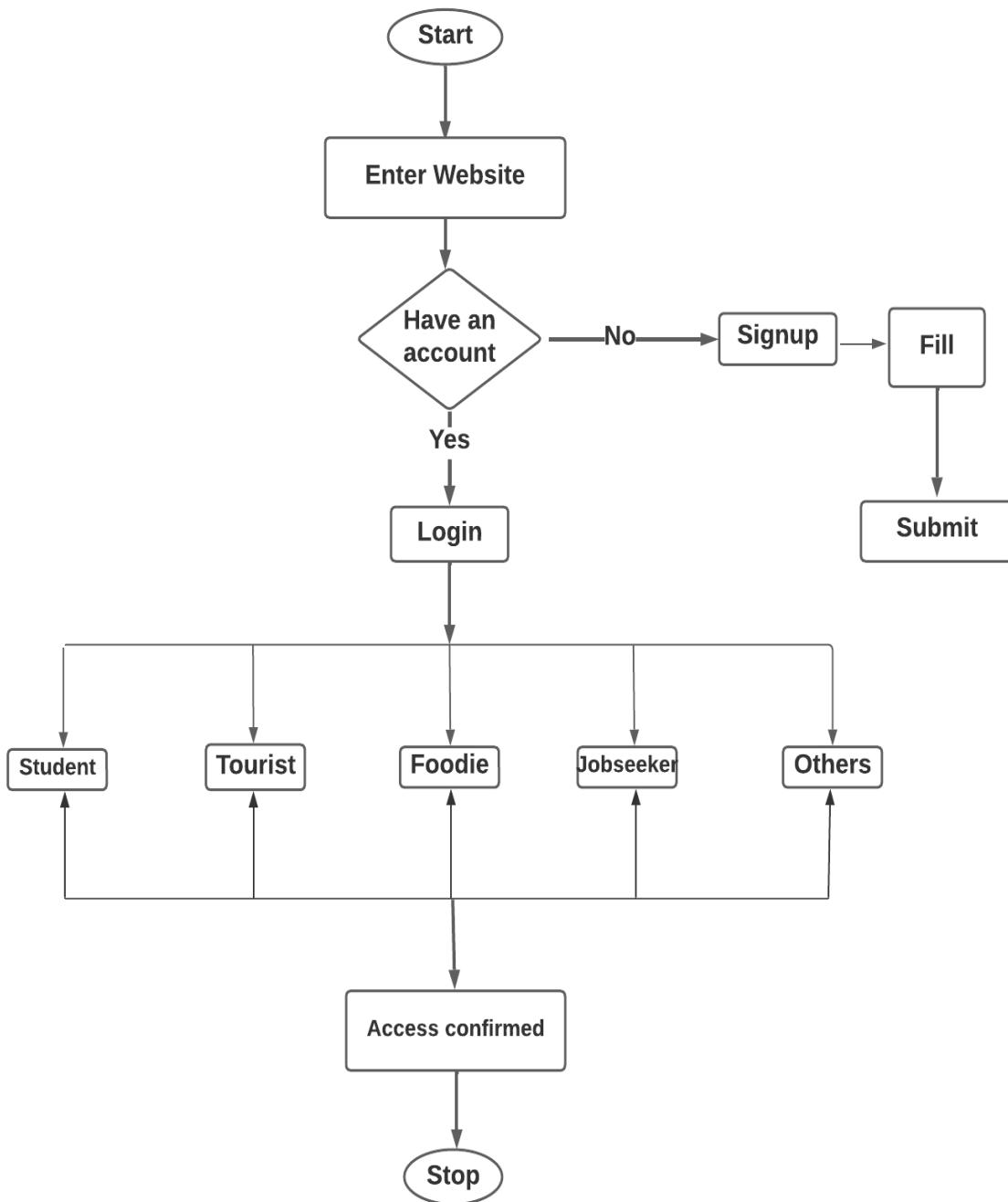
- k) **Insert Industry:** it adds the information of industries in the database which provides the business person to see the number of industries in the city along with their description.
- l) **Login valid:** it validates the user-id & password.

Data Base Tables: The database tables available in our project implementation are listed below.

FDD (Function Decomposition Diagram)

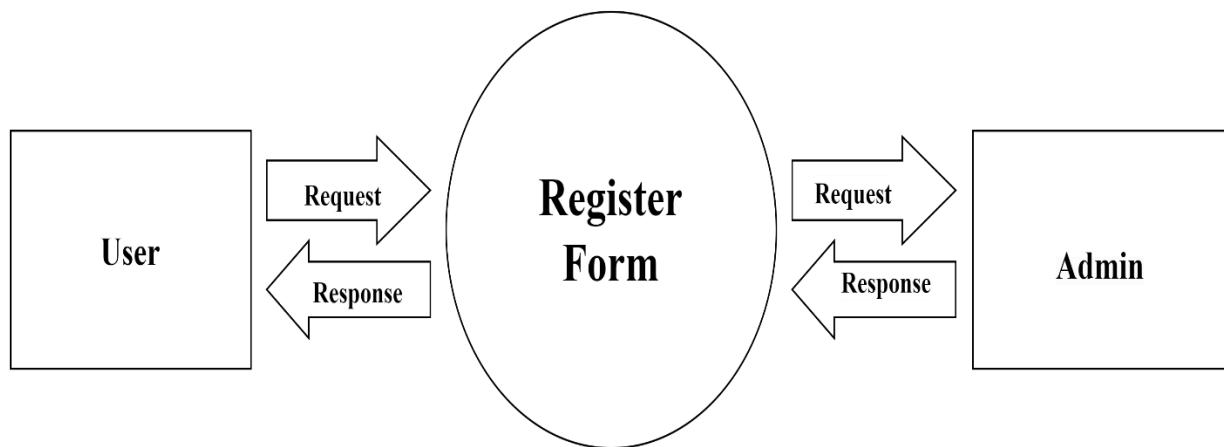


Flowchart

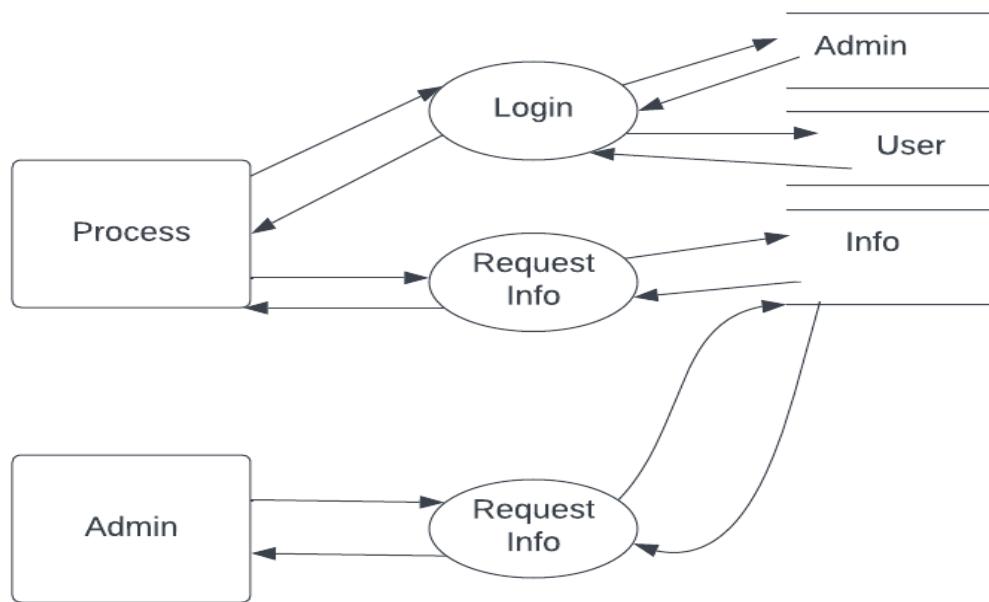


Data Flow Diagram (DFD)

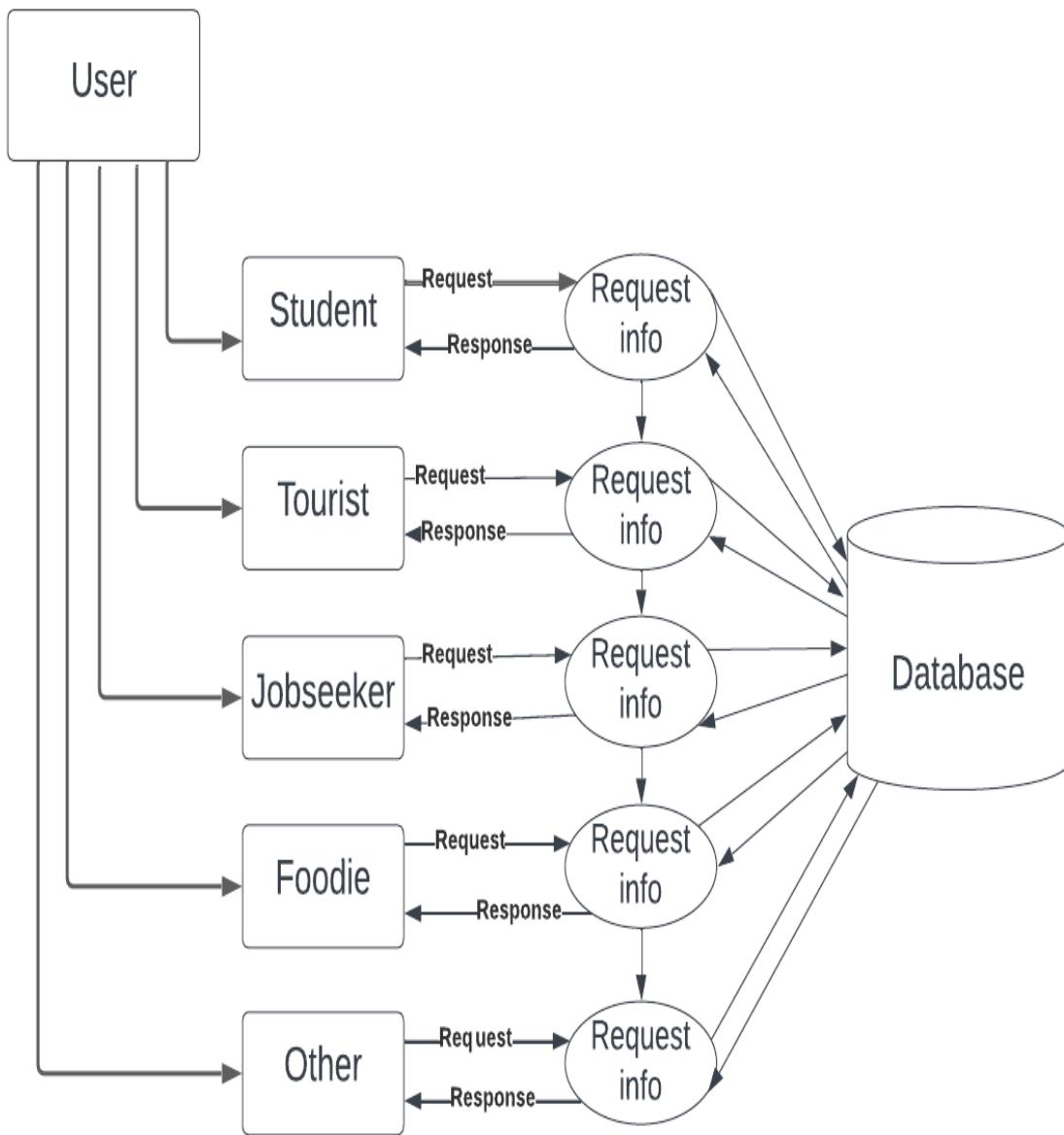
Zero Level DFD



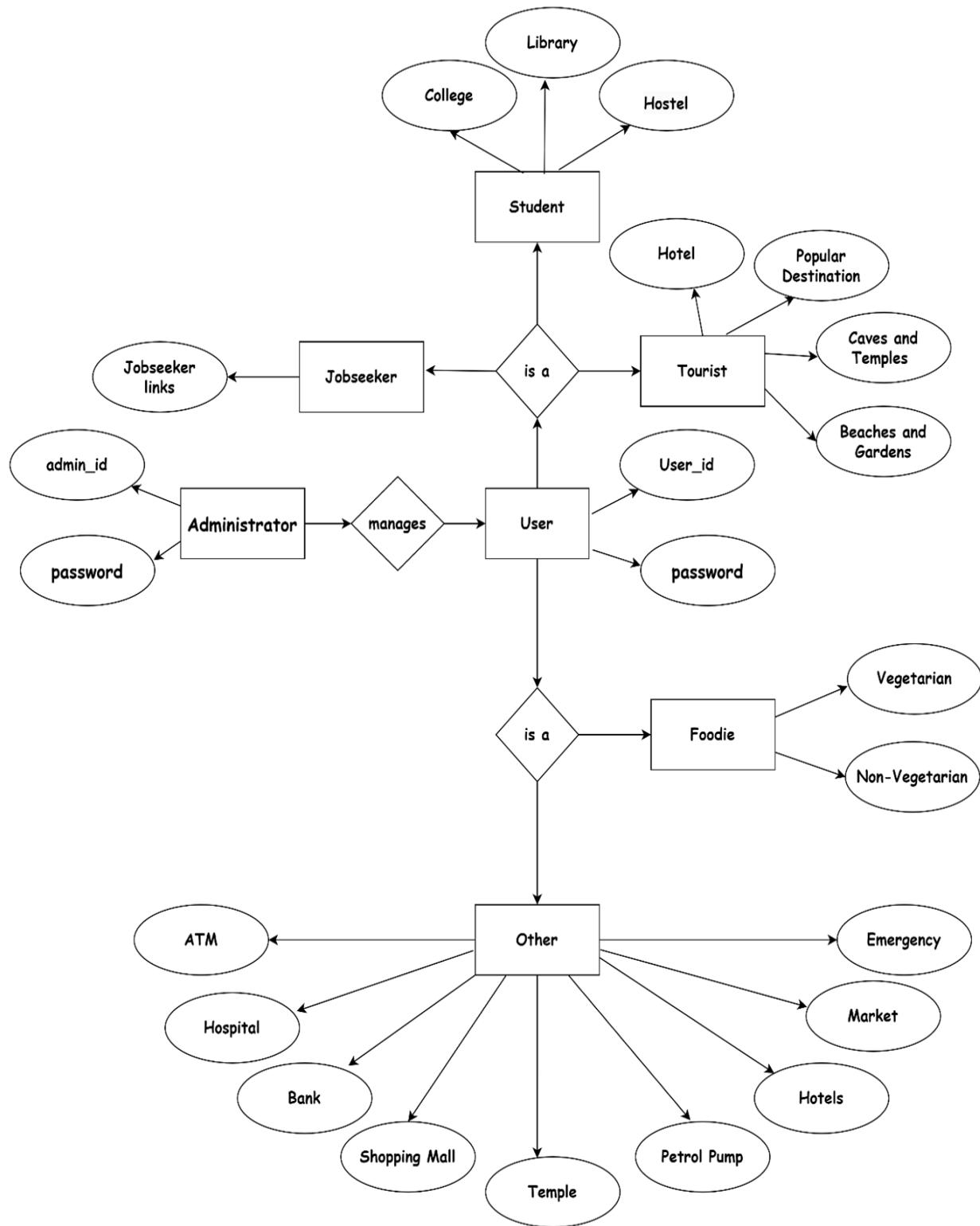
First Level DFD



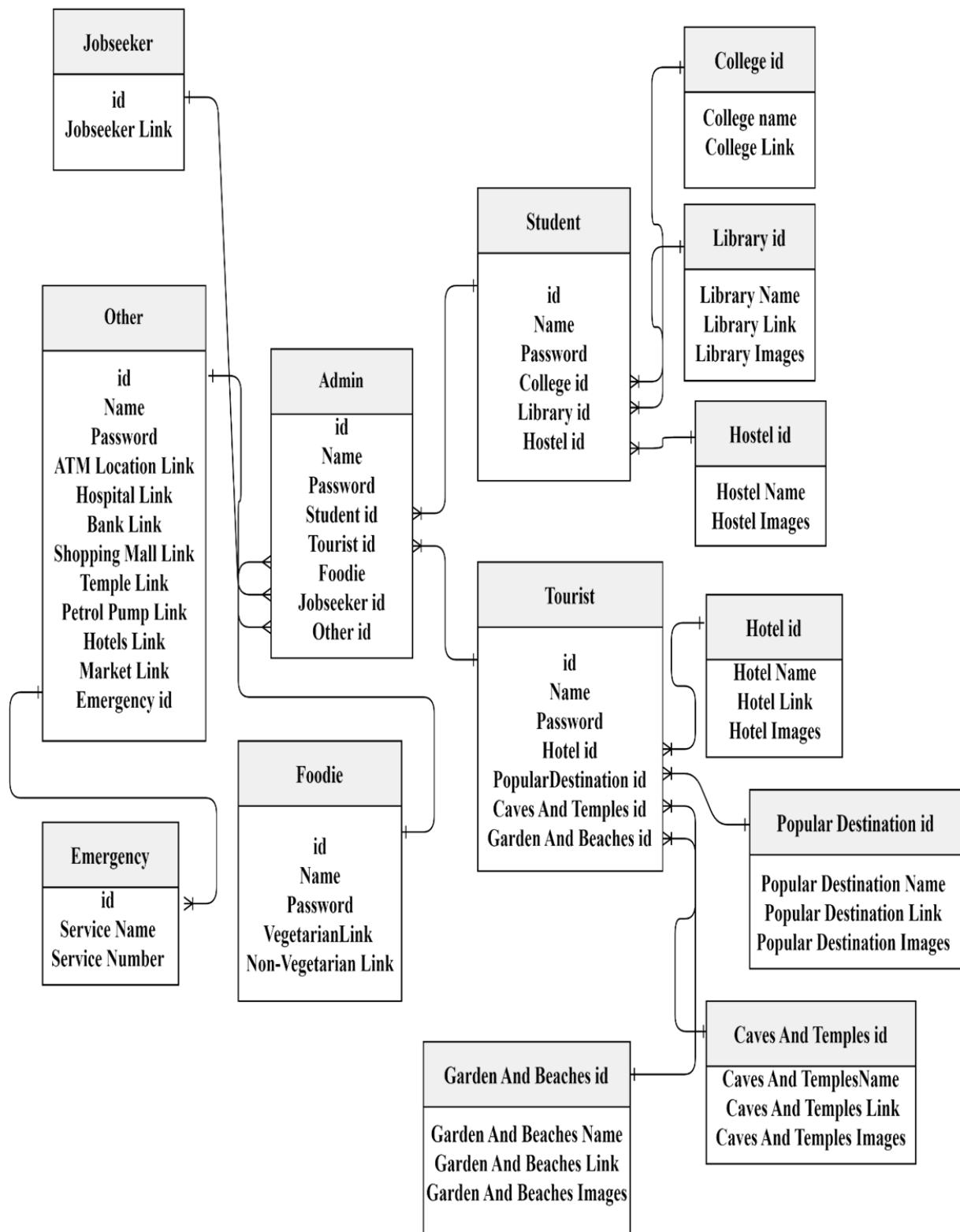
Second Level DFD



ER Diagram



Database Schema



Data Dictionary Diagram

Table Name: Admin

Field	Format	Key	Description
id	int	primary key	defines unique id of the admin
Name	varchar(20)		defines unique name of the admin
Password	varchar(20)		defines unique password of the admin
Student id	int	foreign key	defines unique student id of the user
Tourist id	int	foreign key	defines unique tourist id of the user
Foodie id	int	foreign key	defines unique foodie id of the user
Jobseeker id	int	foreign key	defines unique jobseeker id of the user
Other id	int	foreign key	defines unique other id of the user

Table Name: Student

Field	Format	Key	Description
id	int	primary key	defines unique id of the Student
Name	varchar(20)		defines unique name of the Student
Password	varchar(20)		defines unique password of the Student
College id	int	foreign key	defines unique college id of the Student
Library id	int	foreign key	defines unique tourist id of the Student
Hostel id	int	foreign key	defines unique foodie id of the Student

Table Name: College

Field	Format	Key	Description
College id	int	primary key	defines unique id of the College
College Name	varchar(20)		defines unique name of the College
College link	varchar(20)		Consist of college links

Table Name: Library

Field	Format	Key	Description
Library id	int	primary key	defines unique id of the Library
Library Name	varchar(20)		defines unique name of the Library
Library link	varchar(20)		Consist of Library links and images

Table Name: Hostel

Field	Format	Key	Description
Hostel id	int	primary key	defines unique id of the Hostel
Hostel Name	varchar(20)		defines unique name of the Hostel
Hostel link	varchar(20)		Consist of Hostel links

Table Name: Tourist

Field	Format	Key	Description
id	int	primary key	defines unique id of the Tourist
Name	varchar(20)		defines unique name of the Tourist
Password	varchar(20)		defines unique password of the Tourist
Hotel id	int	foreign key	defines unique id of the Hotel
Popular Destination id	int	foreign key	defines unique id of the Popular Destination
Caves and Temples id	int	foreign key	defines unique id of the Caves and Temple
Garden and Beaches id	int	foreign key	defines unique id of the Garden and Beaches

Table Name: Popular Destination

Field	Format	Key	Description
Popular Destination id	int	primary key	defines unique id of the Popular Destination
Popular Destination Name	varchar(20)		defines unique name of the Popular Destination
Popular Destination Images	varchar(20)		Consist of Popular Destination Images
Popular Destination Links	varchar(20)		Consist of Popular Destination Links

Table Name: Caves and temples

Field	Format	Key	Description
Caves and Temples id	int	primary key	defines unique id of the Caves and Temples
Caves and Temples Name	varchar(20)		defines unique name of the Caves and Temples
Caves and Temples Images	varchar(20)		Consist of Caves and Temples Images
Caves and Temples Links	varchar(20)		Consist of Caves and Temples Links

Table Name: Garden and Beaches

Field	Format	Key	Description
Garden and Beaches id	int	primary key	defines unique id of the Garden and Beaches
Garden and Beaches Name	varchar(20)		defines unique name of the Garden and Beaches
Garden and Beaches Images	varchar(20)		Consist of Garden and Beaches Images
Garden and Beaches Links	varchar(20)		Consist of Garden and Beaches Links

Table Name: Jobseeker

Field	Format	Key	Description
Jobseeker id	int	primary key	defines unique id of the Jobseeker
Jobseeker name	varchar		defines unique name of the Jobseeker
Jobseeker links	varchar		Consist of the Jobseeker Links

Table Name: Foodie

Field	Format	Key	Description
id	int	primary key	defines unique id of the Student
Name	varchar(20)		defines unique name of the Student
Password	varchar(20)		defines unique password of the Student
Vegetarian id	int	foreign key	defines unique Vegetarian id of the Foodie
Non-Vegetarian id	int	foreign key	defines unique Non-Vegetarian id of the Foodie

Table Name: Vegetarian

Field	Format	Key	Description
Vegetarian id	int	primary key	defines unique id of the Vegetarian
Vegetarian Name	varchar(20)		defines unique name of the Vegetarian
Vegetarian link	varchar(20)		Consist of Vegetarian links

Table Name: Non-Vegetarian

Field	Format	Key	Description
Non-Vegetarian id	int	primary key	defines unique id of the Non-Vegetarian
Non-Vegetarian Name	varchar(20)		defines unique name of the Non-Vegetarian
Non-Vegetarian link	varchar(20)		Consist of Non-Vegetarian links

Table Name: Other

Field	Format	Key	Description
id	int	primary key	defines unique id of the other
Name	varchar		defines unique name of the other
Password	varchar		defines unique password of the other
ATM Location Link	varchar		Consist of ATM Location Links
Hospital Location Link	varchar		Consist of Hospital Links
Bank Location Link	varchar		Consist of Bank Links
Shopping Mall Location Link	varchar		Consist of Shopping Mall Links
Temple Location Link	varchar		Consist of Temple Links
Petrol Pump Location Link	varchar		Consist of Petrol Pump Links
Hotels Location Link	varchar		Consist of Hotels Links
Market Location Link	varchar		Consist of Market Links
Emergency id	int	foreign key	defines emergency id of the other

Table Name: Emergency

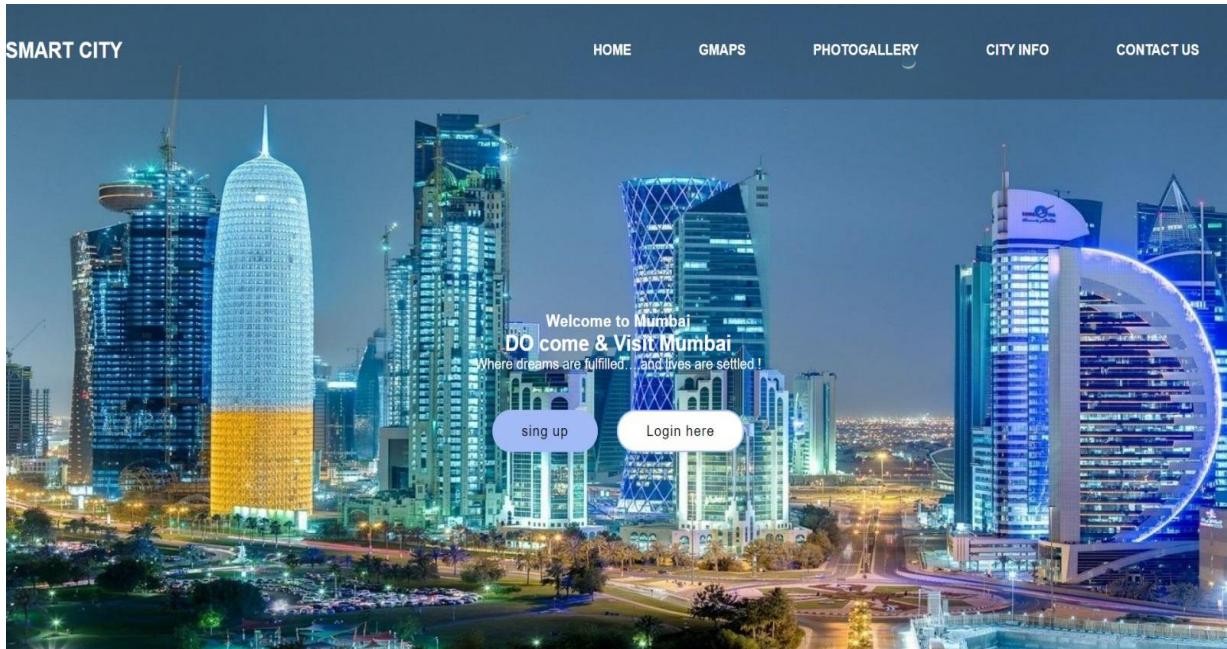
Field	Format	Key	Description
Emergency id	int	primary key	defines unique id of the Emergency
Service Name	varchar		defines Service name for the Emergency
Service Number	int		defines Service number for the Emergency

Gantt Chart

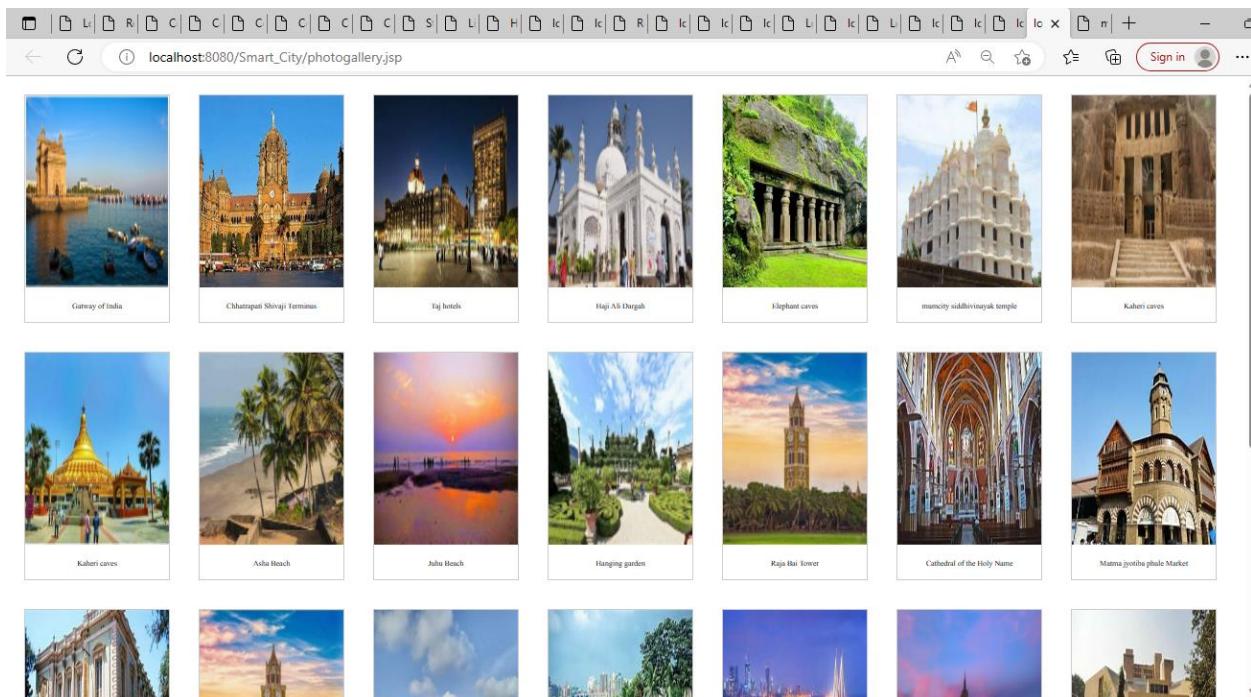
Project Development Step	November	December	January	February	March
Requirement & Analysis					
Feasibility Study					
Design					
Coding					
Testing					
Implementation					

Screenshots

Home Page



Photogallery



CityHistory

localhost:8080/Smart_City/cityhistory.jsp

City History

Bombay, now known as Mumbai, the city of dreams and the city that never sleeps has a vast history that is turning to obscurity. Even though many of you don't know the history of Mumbai, but the history of this dreamy city is something that the Mumbaikars are passionate about.



Contact

C:\Users\Kamini\Downloads/contact%20(1).html

Name: kajal First and last name, please.

Phone Number: 1233456577 Valid

Email address: kami@gmail.com Email Invalid

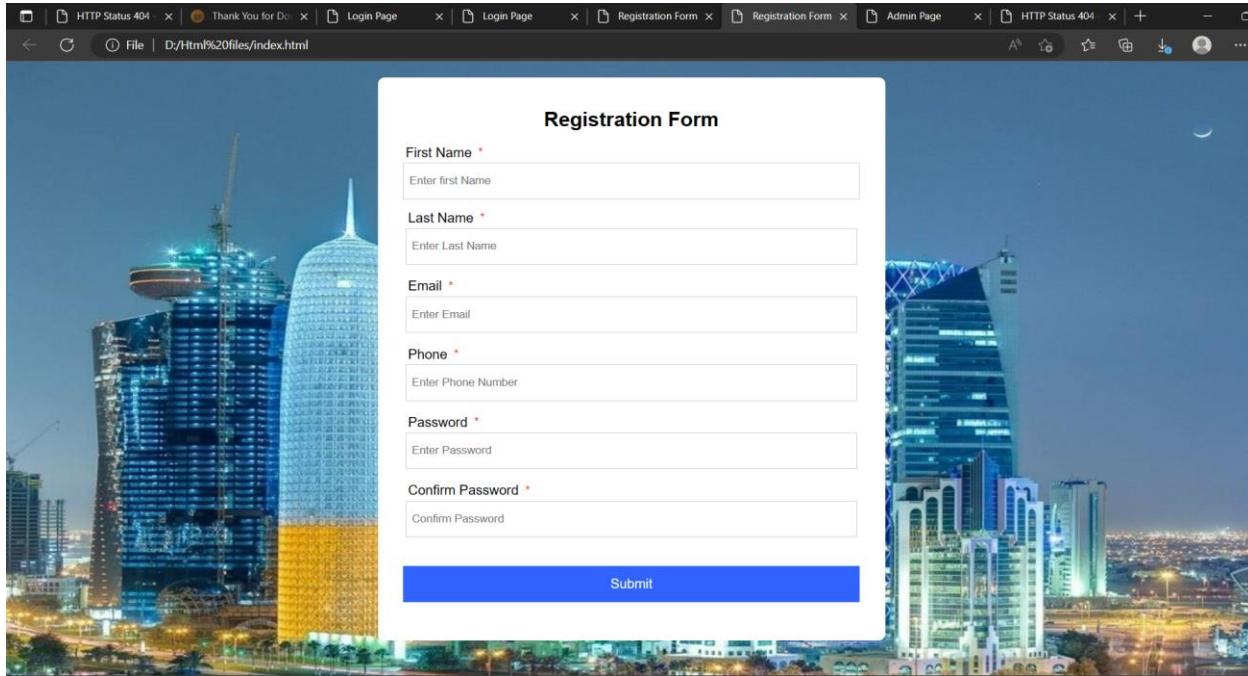
kajhhfghfghfgvahgfhgfhgxvhcvghvghsvafvh
dvh

Your Message:

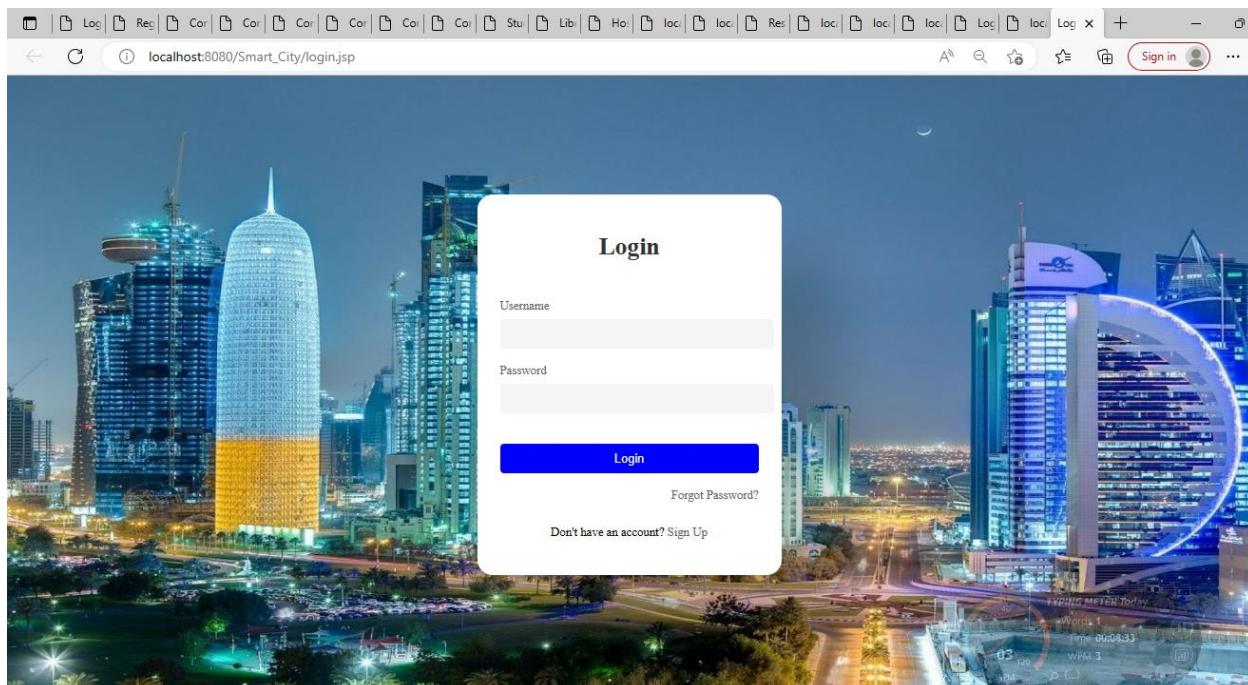
Valid

Submit

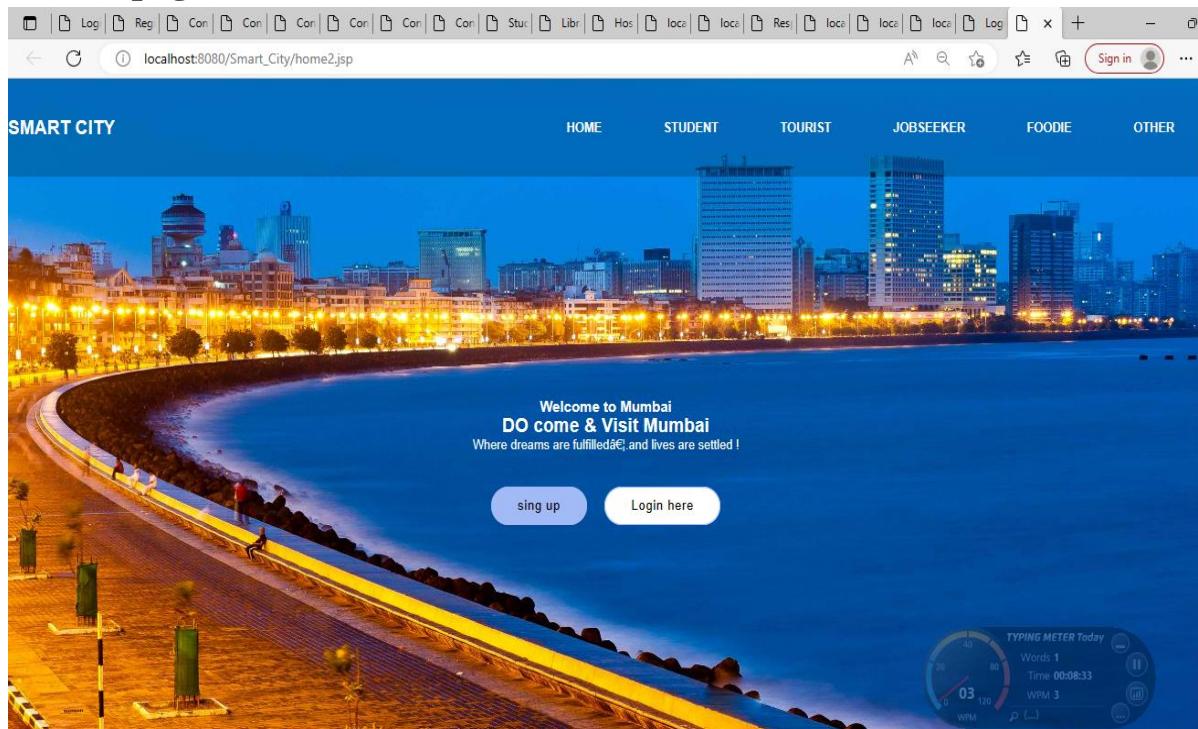
Registration Page



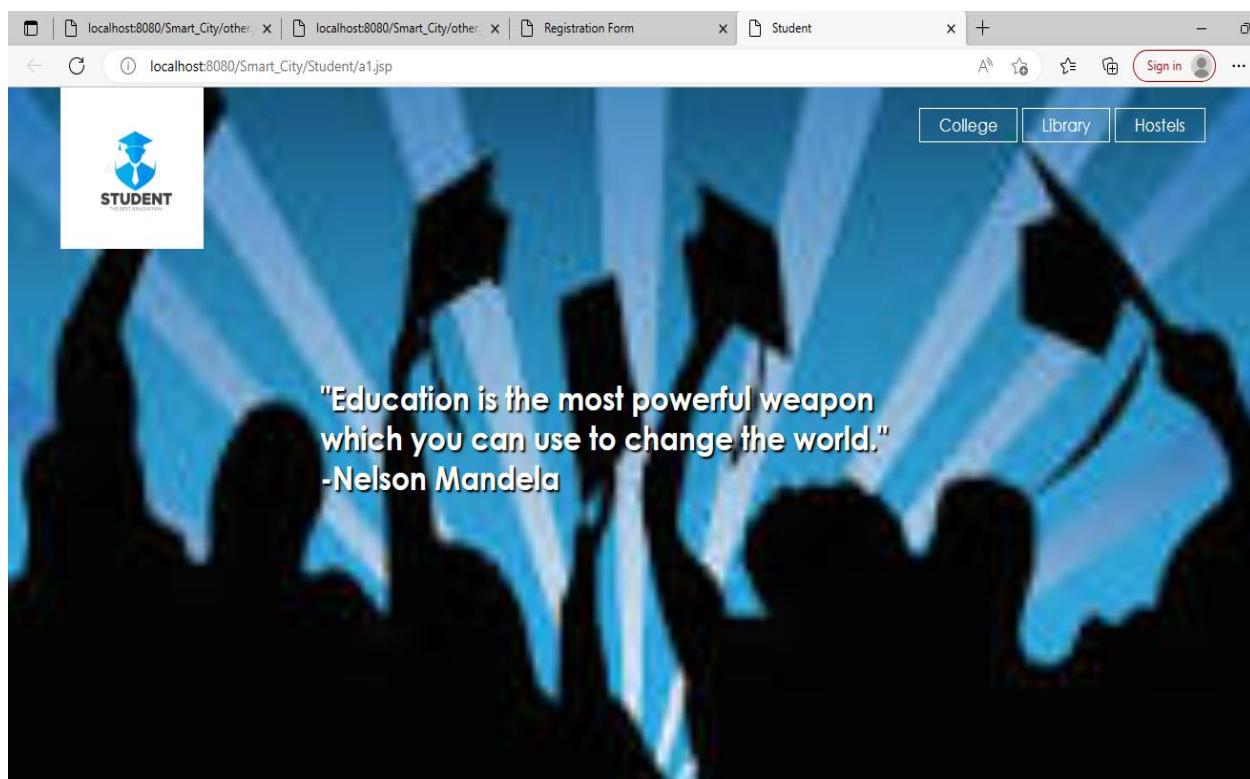
Login Page



Home2 page



Student



College

The screenshot shows a web browser window with multiple tabs open, all related to 'Contact us'. The active tab is 'localhost:8080/Smart_City/Student/college.jsp'. The page displays a large image of a red brick college building with a green lawn in front. Overlaid on the image is the title 'LIST OF COLLEGES' in bold capital letters. Below the title is a list of college names, each preceded by a right-pointing arrow:

- SHRI. M. D. SHAH MAHILA COLLEGE OF ARTS & COMMERCE,
- Rajiv Gandhi Institute of Technology,
- Bhavan's College of Arts, Science & Commerce,
- Shree L. R. Tiwari Degree College of Arts,Commerce and Science,
- National Institute of Industrial Engineering ,
- Ghanshyamdas Saraf College of Arts and Commerce,
- Thakur College of Science and Commerce

At the bottom left is a 'Previous' button, and at the bottom right is a 'Next' button. A typing meter is visible in the bottom right corner of the page.

Library

The screenshot shows a web browser window with multiple tabs open, all related to 'Contact us'. The active tab is 'localhost:8080/Smart_City/Student/Library.jsp'. The page displays a large image of the Asiatic Library in Mumbai, featuring a grand white neoclassical building with a portico of columns and a set of wide stone steps leading up to it. The building has a plaque above the entrance that reads 'THE ASIATIC SOCIETY, MUMBAI 1804 STATE CENTRAL LIBRARY TOWN HALL'. Below the image is the heading 'The Best Libraries In Mumbai That Every Book Lover Must Visit!'. Underneath the heading, the first library is listed: '1. Asiatic Library'. A typing meter is visible in the bottom right corner of the page.

Hostel

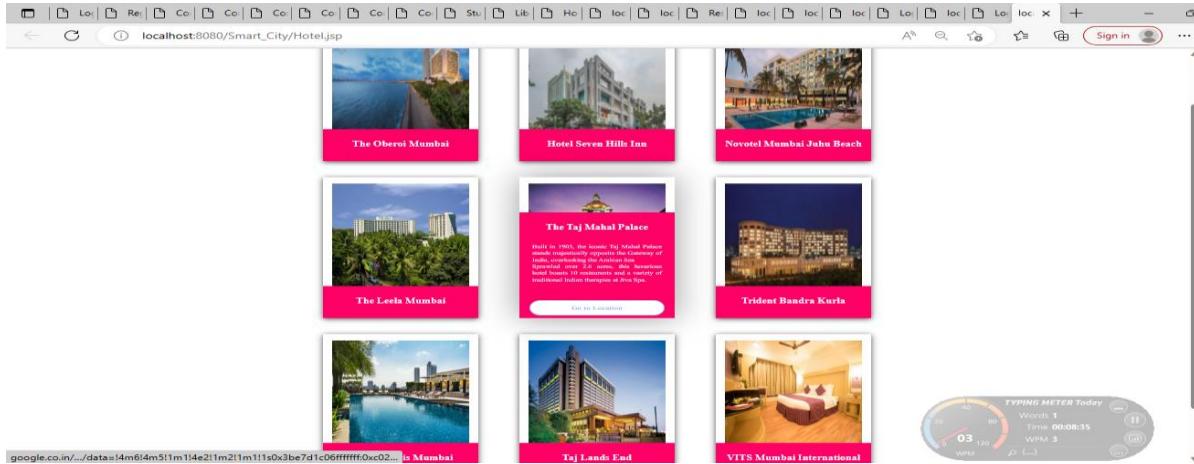
The screenshot shows a web browser window with the URL localhost:8080/Smart_City/Student/Hostels.jsp. The page title is "LIST OF HOSTELS". On the left, there is a vertical list of hostels with arrows pointing to them. On the right, there is a large image of a building with a red-tiled roof and pink flowers hanging from the balcony. A "HOSTEL" sign is visible on the brick wall. At the bottom left is a green "Previous" button. A typing meter is visible at the bottom right.

- Arma Hostel Mumbai,
- One Step Hostel,
- Sobani Hostel ,
- Sunrise Dormitory Hostel,
- Sangeeta Girls Hostel ,
- Nap Manor Hostels,
- Town Hostel Mumbai - AC Dormitory,
- The Social Space Hostel

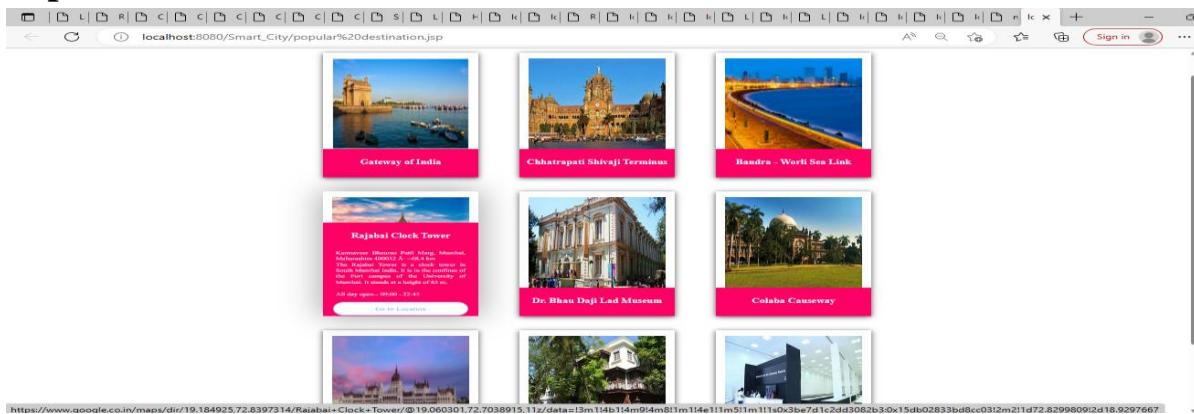
Tourist

The screenshot shows a web browser window with the URL localhost:8080/Smart_City/tourist.jsp. The page has a dark blue header with navigation links: TOURIST, HOTELS, POPULAR DESTINATIONS, CAVES & TEMPLE, and GARDEN & BEACH. The main content features a large image of palm trees against a blue sky. The text "Welcome to Mumbai" is centered above a quote: "To move, to breathe, to fly, to float, To gain all while you give, To roam the roads of lands remote: To travel is to live Where dreams are fulfilled, and lives are settled !".

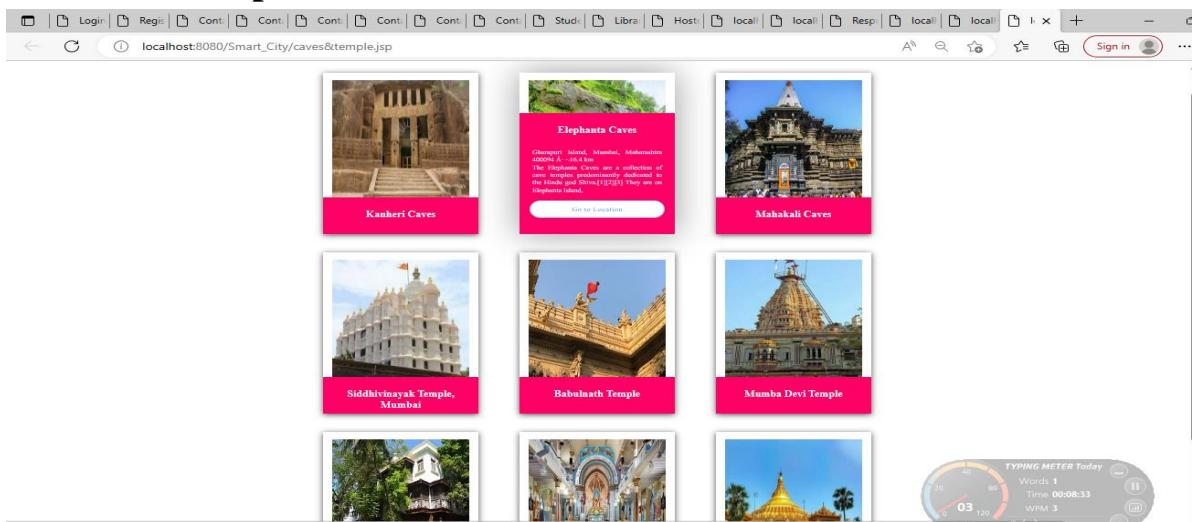
Hotel



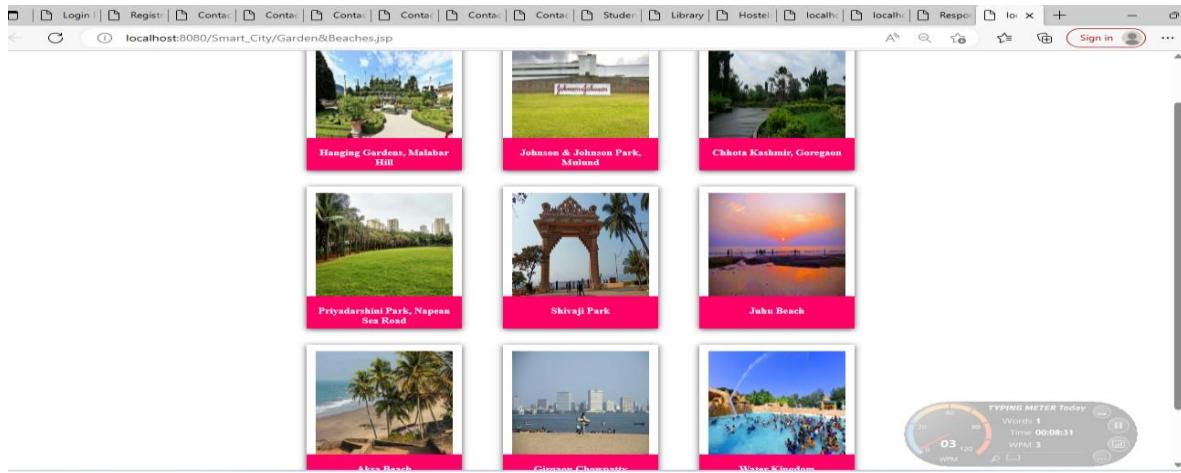
Popular Destination



Caves and Temple



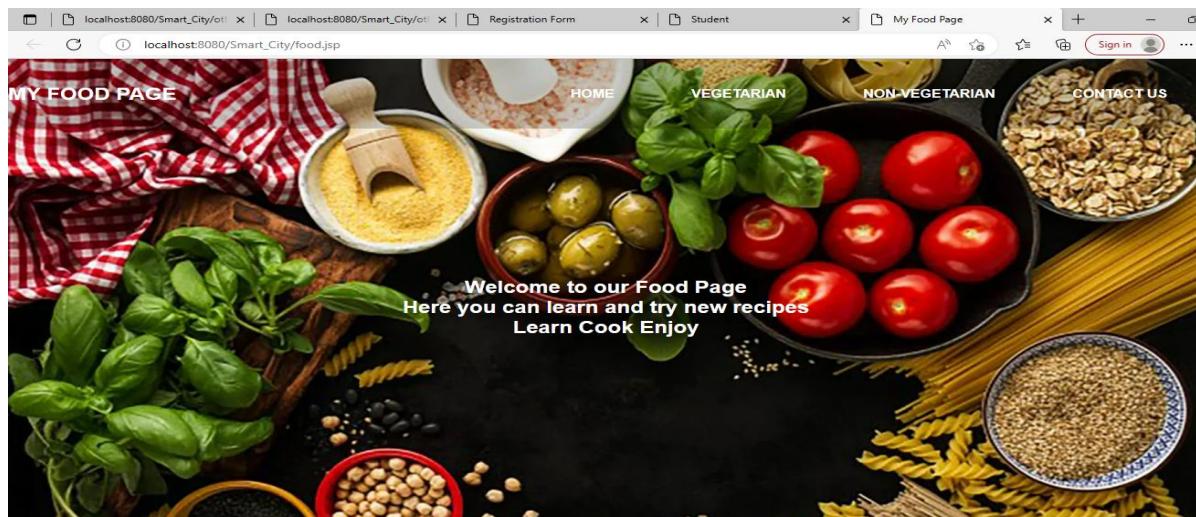
Garden and Beaches



Jobseeker



Foodie



Vegetarian

A screenshot of a web browser window titled "Vegetarian". The page displays a list of vegetarian restaurant names on the left side, overlaid on a background image of a restaurant interior. The list includes: The Earth Plate, Kebabs and Kurries, Nawab Saheb, Peshwa Pavilion, Saptami, Fiona, and Gallery Cafe. At the bottom left is a green "Previous" button, and at the bottom right is a green "Next" button.

The Earth Plate
Kebabs and Kurries
Nawab Saheb
Peshwa Pavilion
Saptami
Fiona
Gallery Cafe

Previous Next

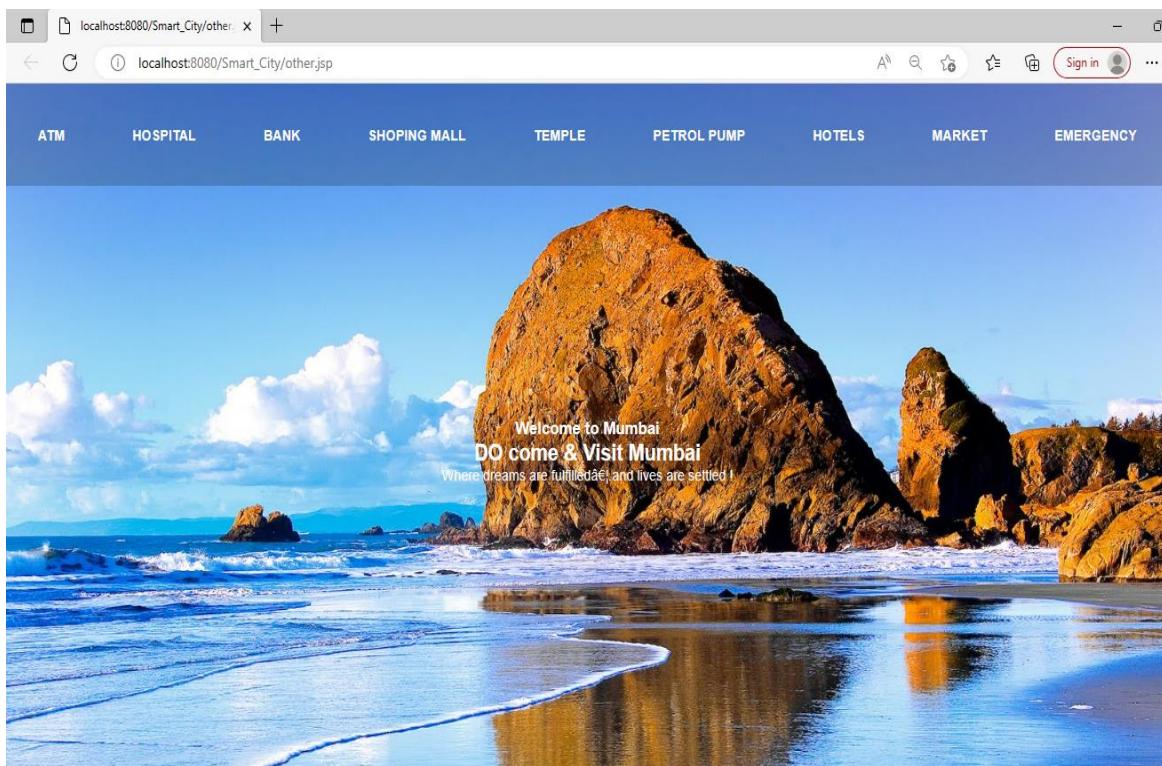
Non-vegetarian

A screenshot of a web browser window titled "Vegetarian". The page displays a list of non-vegetarian restaurant names on the left side, overlaid on a background image of a restaurant interior. The list includes: Copper Chimney, Jai Jawan, Lucky Restaurant, Kakori, Mahesh Lunch Home, and Bademiya. At the bottom left is a green "Previous" button, and at the bottom right is a green "Next" button.

Copper Chimney
Jai Jawan
Lucky Restaurant
Kakori
Mahesh Lunch Home
Bademiya

Previous Next

Other



Emergency

service Name	Number
NATIONAL EMERGENCY NUMBER	112
POLICE	100
FIRE	100
Resume Website Tutorial	999
AMBULANCE	102
Disaster Management Services	108
Women Helpline	1091
Women Helpline - Domestic Abuse	181
Aids Helpline-	1097

TYPING METER Today
Words 1
Time 00:08:27
WPM 3
03
WPM

Codes

Home Page

```
Home.jsp
<!DOCTYPE html>
<html>
<head>
<title></title>
<style>
    *{
        margin: 0; padding: 0; box-sizing: border-box;
        font-family: 'Josefin Sans', sans-serif;
    }

    header {
        width: 100%; height: 100vh;
        background-image: url('mum.jpeg');
        background-repeat: no-repeat;
        background-size: cover;
    }

    nav {
        width: 100%;
        height: 15vh;
        background: rgba(0, 0, 0, 0.2);
        color: white;
        display: flex;
        justify-content: space-between;
        align-items: center;
        text-transform: uppercase;
    }

    nav.logo{
        width: 25%; text-align: center;
        background: red;
    }

    nav.menu{
        width:40%; background: yellow;
        display: flex; justify-content: space-around;
        background: cyan;
    }

    nav.menu a {
        width: 120px;
        padding: 0 40px;
        text-decoration: none; color: white;
        font-weight: bold;
    }

    main{
        width: 100%;
        height: 85vh;
        display: flex;
        justify-content: center;
        align-items: center;
        align-items: center;
        text-align: center;
        color: white;
    }
```

```

}
.button1{
    margin: 0px 10px;
    border: 2px solid #A2BAF5;
    padding: 13px 35px;
    letter-spacing: 1px;
    color: #000;
    border-radius: 30px;
    background-color: #A2BAF5;
    text-decoration: none;
}
.button1:hover{
    border: 2px solid #A2BAF5;
    color: #A2BAF5;
    background-color:white;
    transition:0.5s
    cursor:pointer;
}
button2{
    margin: 0px 10px;
    border: 2px solid #A2BAF5;
    padding: 13px 35px;
    letter-spacing: 1px;
    color: #000;
    border-radius: 30px;
    background-color: white;
    text-decoration: none;
}
.button2:hover{
    border: 2px solid #A2BAF5;
    color: #000;
    background-color: #A2BAF5;
    transition:0.5s;
    cursor: pointer;
}
</style>
<link href ="https://fonts.googleapis.com/css?family=josefin+Sans&display=swap" rel="stylesheet">
    <link rel= "stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.1/css/all.min.css"/>
</head>
<body>
<header>
<nav>
<div class="logo"><h1 class="">SMART CITY</h1> </div>
<div class="menu">
    <ul>
        <a href="home.jsp">Home</a>
        <a href="">Gmaps</a>
        <a href="photogallery.jsp">photogallery</a>
        <a href="cityhistory.jsp">city info</a>
        <a href="contact us.jsp">contact us</a>
    </ul>
</div>
</nav>
<main>
<section>

```

```

<h3>Welcome to Mumbai</h3>
<h1>DO come & Visit Mumbai</h1>
<p>Where dreams are fulfilled....and lives are settled! </p><br><br><br>
<a href="index.jsp" class="button1">Sign up</a>
<a href="login.jsp" class="button2">Login here</a>
</section>
</main>
</header>
</body>
</html>

```

Photogallery Page

photogallery.jsp

```

<!DOCTYPE html>

<html>
<head>
<style>
div.gallery {
    margin: 30px;
    border: 1px solid #ccc;
    float: left;
    width: 300px;
}

div.gallery:hover {
    border: 5px solid #777;
}

div.gallery img {
    width: 100%;
    height: 100;
}

div.desc {
    padding: 25px;
    text-align: center;
}

</style></head><body><div class="gallery">
<a target="_blank" href="images/gat.jpg">
     </a>
    <div class="desc">Gatway of India</div></div>
<div class="gallery">
<a target="_blank" href="images/chha.jpg">
     </a>
    <div class="desc">Chhatrapati Shivaji Terminus</div>
</div>

```

```

<div class="gallery">
<a target="_blank" href="images/taj.jpg">
 </a>
<div class="desc">Taj hotels</div></div>

<div class="gallery">
<a target="_blank" href="images/haji.jpg">
 </a>
<div class="desc">Haji Ali Dargah</div>
</div>

<div class="gallery">
<a target="_blank" href="images/elepha.jpg">
 </a>
<div class="desc">Elephant caves</div>
</div>

<div class="gallery">
<a target="_blank" href="images/siddhi.jpg">
 </a>
<div class="desc">mumcity siddhivinayak temple</div>
</div>

<div class="gallery">
<a target="_blank" href="images/kaneri.jpg">
 </a>
<div class="desc">Kaheri caves</div></div>

<div class="gallery">
<a target="_blank" href="images/pagoda.jpg">
</a>
<div class="desc">Kaheri caves</div></div>

<div class="gallery">
<a target="_blank" href="images/Aksha.jpg">
 </a>
<div class="desc">Asha Beach</div></div>

<div class="gallery">
<a target="_blank" href="images/juhu.jpg">
 </a>

```

```

<div class="desc">Juhu Beach</div></div>

<div class="gallery">
<a target="_blank" href="images/hag.jpg">
 </a>
<div class="desc">Hanging garden</div></div>

<div class="gallery">
<a target="_blank" href="images/raja.jpg">
</a>
<div class="desc">Raja Bai Tower</div></div>

<div class="gallery">
<a target="_blank" href="images/church.jpg">
 </a>
<div class="desc">Cathedral of the Holy Name</div></div>

<div class="gallery">
<a target="_blank" href="images/mahtma.jpg">
 </a>
<div class="desc">Matma jyotiba phule Market</div></div>

<div class="gallery">
<a target="_blank" href="images/bhau.jpg">
 </a>
<div class="desc">Dr.Bhau Daji Lad Museum</div></div>

<div class="gallery">
<a target="_blank" href="images/raja.jpg">
 </a>
<div class="desc">Raja Bai Tower</div></div>

<div class="gallery">
<a target="_blank" href="images/madh.jpg">
 </a>
<div class="desc">Madh Island</div> </div>

<div class="gallery"> <a target="_blank" href="images/pawai.jpg">
 </a>
<div class="desc">Pawai Lak</div></div>

<div class="gallery">
</div></body></html>

```

Cityhistory

```
<!DOCTYPE html>
<html><head>
<meta name="viewport" content="width=device-width, initial-scale=1"><style>
img {
    width: 400px;
    height: 400px;
    display: block;
    margin-left: auto;
    margin-right: auto;
}
h3 {
    text-align: center;
    text-align: justify;
    text-justify: inter-word;}</style></head>
<body bgcolor="pink"><h1 align="center">City History </h1>
<br>
<h3>Bombay, now known as Mumbai, the city of dreams and the city that never sleeps has a vast history that is turning to obscurity. Even though many of you don't know the history of Mumbai, but the history of this dreamy city is something that the Mumbaikars are passionate about. </h3><br><h3>The name "Mumbai" is a nickname for "Mumbadevi", a local Goddess. This city with a beautiful and rich heritage is originally built on a group of seven islands- Colaba, Worli, Mazagaon, Parel, Mahim, Old Woman' Island, and Bombay Island.
These islands were embodied in the Maurya Empire which was under the Buddhist Emperor Ashoka of Magadha. </h3><h1 align="center">Rulers of the 7 Isles</h1><h3>But soon after the death of the king Ashoka, these islands came under Satavahanas who are knowns as Andhras in Puranas i.e., an ancient Indian dynasty. And then the islands were ruled by different rulers after the end of another. This city has seen a lot of ruling and indulge a great and rich history. It was 1543 AD when the islands were seized by the Portuguese from Bahadur Shah of Gujarat. The islands were ruled by the Portuguese till 1661. On May 8, 1661, the islands were yielded as a dowry to Charles II of England who married to Catherine of Portugal. So it was then when Bombay became a British possession due to a part of the dowry.</h3><h1 align="center">East India Company and the Industrial Revolution</h1><br>
<h3><p>In 1668, King Charles II gave up the isles to the East India Company with annual rent and soon the city was named as "Bombay". Slowly and steadily within 7-8 years, the city grew and the population increased from 10,000 to 60,000. After seeing this rapid growth, the East India Company decided to move its headquarters from Surat to Bombay.
The period of Industrialization started when the then-governor William Hornby incorporated a project despite opposition from the East India Company. Soon after the city saw a lot of changes and an indefinite number of civil engineering projects on the way. And this was the start of the Industrial Revolution where the seven isles were finally turned into one city during 1845. Followed, in 1853, the first railway connection between Bombay and Thane was achieved. After the revolt in 1857, the East India Company lost its control over Bombay. In 1869, Bombay became one of the major ports in India after the Suez Canal was accommodated which created a connection between the Bombay and the rest of the world. Soon the Hindu-Muslim riots broke out again which resulted in massacres and turmoil all over
```

the city. And followed by the Indian freedom movement started from the 1890s and lasted till 1940s till India got independence from the British rule.</p></h3>

<h1 align="center">History of Mumbai after independence</h1></body></html>

Contact us.jsp

```
<!DOCTYPE html>
```

```
<html><head><title>Contact us Form</title>
```

```
<style>
```

```
*{
```

```
margin: 0;
```

```
padding: 0;
```

```
box-sizing: border-box;
```

```
font-family: 'Poppins', sans-serif;
```

```
}
```

```
.container {
```

```
width: 100%;
```

```
height: 100vh;
```

```
background: #141a34;
```

```
display: flex;
```

```
align-items: center;
```

```
justify-content: center;
```

```
}
```

```
.container form{
```

```
width: 90%; max-width: 500px;
```

```
padding: 50px 30px 20px;
```

```
background: #fff; border-radius: 4px;
```

```
box-shadow: 0 4px 30px rgba(0, 0, 0, 0.5);
```

```
position: relative;
```

```
}
```

```
.fa-paper-plane{
```

```
position: absolute;
```

```
top: 0; left: 50%;
```

```
transform: translate(-50%, -50%); background: #fff;
```

```
font-size: 26px; padding: 20px; border-radius: 50%;
```

```

        box-shadow: 0 0 10px rgba(0, 0, 0, 0.5);
    }

.input-group{
    width: 100%;display: flex;
    align-items: center; margin: 10px 0;position: relative;
}

.input-group label{
    flex-basis: 28%;
}

.input-group input, .input-group textarea{
    flex-basis: 68%;

    background: transparent; border: 0;outline: 0; padding: 10px 0;
    border-bottom: 1px solid #999;color: #333;font-size: 16px;
}

::placeholder{
    font-size: 14px;
}

form button{

    background: #141a34;color: #fff; border-radius: 4px;
    border: 1px solid rgba(255, 255, 255, 0.7);
    padding: 10px 40px; outline: 0; cursor: pointer; display: block; margin: 30px auto 10px;
}

.input-group span{

    position: absolute; bottom: 12px; right: 17px; font-size: 14px; color: red;
}

#submit-error{

    color: red;
}

</style>

<script type="text/javascript">

    function validateName() {

        var name = document.getElementById('contact-name').value;
        if(name.length == 0) {

            producePrompt('Name is required', 'name-error' , 'red')
        }
    }
</script>

```

```

        return false; }

if (!name.match(/^[A-Za-z]*\s{1}[A-Za-z]*$/)) {
    producePrompt('First and last name, please.', 'name-error', 'red');

    return false;
}

producePrompt('Valid', 'name-error', 'green');

return true; }

function validatePhone() {

var phone = document.getElementById('contact-phone').value;

if(phone.length == 0) {

    producePrompt('Phone number is required.', 'phone-error', 'red');

    return false;
}

if(phone.length != 10) {

    producePrompt('Include area code.', 'phone-error', 'red');

    return false;
}

if(!phone.match(/^\d{10}$/)) {

    producePrompt('Only digits, please.', 'phone-error', 'red');

    return false;
}

producePrompt('Valid', 'phone-error', 'green');

return true; }

function validateEmail () {

var email = document.getElementById('contact-email').value;

if(email.length == 0) {

    producePrompt('Email Invalid', 'email-error', 'red');

    return false;
}

if(!email.match(/^[A-Za-z]+@[A-Za-z]+\.[a-zA-Z]{2,4}$/)) {

    producePrompt('Email Invalid', 'email-error', 'red');

    return false;
}

producePrompt('Valid', 'email-error', 'green');

return true; }

function validateMessage() {

var message = document.getElementById('contact-message').value;

var required = 30;

var left = required - message.length;

if (left > 0) {

```

```

producePrompt(left + ' more characters required','message-error','red');

return false; }

producePrompt('Valid', 'message-error', 'green');

return true;

}

function validateForm() {

if (!validateName() || !validatePhone() || !validateEmail() || !validateMessage()) {

jsShow('submit-error');

producePrompt('Please fix errors to submit.', 'submit-error', 'red');

setTimeout(function(){jsHide('submit-error');}, 2000);

return false;

}else {

}

function jsShow(id) {

document.getElementById(id).style.display = 'block';

function jsHide(id) {

document.getElementById(id).style.display = 'none';

function producePrompt(message, promptLocation, color) {

document.getElementById(promptLocation).innerHTML = message;

document.getElementById(promptLocation).style.color = color; }

</script></head>

<body>

<div class="container">

<form method="post" action="contactus">

<div class="input-group">

<label for="contact-name">Name</label>

<input type="text" class="form-control" id="contact-name" name="name" placeholder="Enter your name.." onkeyup='validateName()'>

<span class='error-message' id='name-error'></span></div>

<div class="input-group">

<label for="contact-phone">Phone Number</label>

<input type="tel" class="form-control" id="contact-phone" name="phone" placeholder="Ex: 1231231234" onkeyup='validatePhone()'>

<span class='error-message' id='phone-error'></span></div>

<div class="input-group">

```

```
<label for="contact-email">Email address</label>

<input type="email" class="form-control" id="contact-email" name="email" placeholder="Enter Email"
onkeyup='validateEmail()'>

<span class='error-message' id='email-error'></span></div>

<div class="input-group">

<label for='contactMessage'>Your Message</label>

<textarea class="form-control" rows="5" id='contact-message' name='message' placeholder="Enter a brief
message" onkeyup='validateMessage()'></textarea>

<span class='error-message' id='message-error'></span></div>

<button onclick='return validateForm()' class="btn btn-default">Submit</button>

<span class='error-message' id='submit-error'></span>

</form></body></html>
```

Registration page

```
Index.jsp
<!DOCTYPE html>

<html>
  <head>
    <title>Registration Form</title>
    <meta name="viewport" content="width=device-width,initial-scale=1"/>
  </head>
  <style>
    *{
      padding: 3px;
      margin: 0px;
      box-sizing: border-box;
      font-family: 'Montserrat', sans-serif;
    }
    body{
      /*background-color: #3164ff;*/
      background-image: url(mum.jpeg);
      padding: 0 10px;
    }
  .container{
    width: 90vw;
    max-width: 600px;
    padding: 2em 1.5em;
    background-color: #ffffff;
    margin: 1em auto;
    border-radius: 0.5em;
  }
  h4{
    text-align: center;
    font-size: 1.5em;
  }
  .input-section{
```

```
margin: 0.5em 0;  
}  
  
label,  
.error-message{  
    display: block;  
    font-size: 1em;  
}  
  
label{  
    margin: bottom 0.5em;  
    font-weight: 500;  
}  
  
.error-message{  
    margin-top: 0.2em;  
}  
  
input,  
button {  
    display: block;  
    outline: none;  
    width: 100%;  
    padding: 0.5em;  
    border-radius: 0.3em;  
}  
  
input {  
    padding: 1em 0.5em;  
    border: 1.5px solid #d0d0d0;  
}  
  
button {  
    font-size: 1em;  
    background-color: #3164ff;  
    border: none;  
    color: #ffffff;  
    padding: 0.8em 0;  
    margin-top: 2em;  
}
```

```

.required-color{
    color: #ff4747;
}

.error {
    border-color: #ff4747;
}

.valid {
    border-color: #37a137;
}

.hide {
    display: none;
}

@media only screen and(max-width:450px) {

.container {
    font-size: 14px;
}
}

</style>

<body>

<div class="container">

<form method="post" action="register" autocomplete="off">

<h4>Registration Form</h4>

<div class="input-section">

<label>First Name <span class="required-color">*</span></label>

<input type="text" name="fname" placeholder="Enter first Name" id="first-name-input" required />

<span id="first-name-error" class="hide required-color error-message">Invalid Input</span>

<span id="empty-first-name" class="hide required-color error-message">First Name cannot Be Empty</span>

<div class="input-section">

<label>Last Name <span class="required-color">*</span></label>

<input type="text" name="lname" placeholder="Enter Last Name" id="last-name-input" required />

<span id="last-name-error" class="hide required-color error-message">Invalid Input</span>

<span id="empty-last-name" class="hide required-color error-message">Last Name cannot Be Empty</span>

</div>

```

```

<div class="input-section">
    <label>Email <span class="required-color">*</span></label>
    <input type="email" name="email" placeholder="Enter Email" id="email" required />
    <span id="email-error" class="hide required-color error-message">Invalid Email</span>
    <span id="empty-email" class="hide required-color error-message">Email cannot Be Empty</span>
</div>

<div class="input-section">
    <label>Phone <span class="required-color">*</span></label>
    <input type="text" name="phone" placeholder="Enter Phone Number" id="phone" required />
    <span id="phone-error" class="hide required-color error-message">Phone Number Should Have 10 Digits</span>
    <span id="empty-phone" class="hide required-color error-message">Phone cannot Be Empty</span>
</div>

<div class="input-section">
    <label>Password <span class="required-color">*</span></label>
    <input type="password" name="password" placeholder="Enter Password" id="password" required />
    <span id="password-error" class="hide required-color error-message">Passwords Should Have Letter,Special Symbols,Number And Length>=8</span>
    <span id="empty-password" class="hide required-color error-message">Password cannot Be Empty</span>
</div>

<div class="input-section">
    <label>Confirm Password <span class="required-color">*</span></label>
    <input type="password" name="cpassword" placeholder="Confirm Password" id="verify-password" required />
    <span id="verify-password-error" class="hide required-color error-message">Should Be Same As Previous Password</span>
    <span id="empty-verify-password" class="hide required-color error-message">Password cannot Be Empty</span>
</div>

<button id="submit-button">Submit</button>
</div>
</form>
</div>
<script type="text/javascript">
    //First Name

```

```

let firstNameInput = document.getElementById("first-name-input");
let firstNameError = document.getElementById("first-name-error");
let emptyFirstNameError = document.getElementById("empty-first-name");
//Last Name
let lastNameInput = document.getElementById("last-name-input");
let lastNameError = document.getElementById("last-name-error");
let emptyLastNameError = document.getElementById("empty-last-name");
//Phone
let phoneInput = document.getElementById("phone");
let phoneError = document.getElementById("phone-error");
let emptyPhoneError = document.getElementById("empty-phone");
//Email
let emailInput = document.getElementById("email");
let emailError = document.getElementById("email-error");
let emptyEmailError = document.getElementById("empty-email");
//Password
let passwordInput = document.getElementById("password");
let passwordError = document.getElementById("password-error");
let emptyPasswordError = document.getElementById("empty-password");
//Verify Password
let verifyPasswordInput = document.getElementById("verify-password");
let verifyPasswordError = document.getElementById("verify-password-error");
let emptyVerifyPasswordError = document.getElementById("empty-verify-password");
//Submit
let submitButton = document.getElementById("submit-button");
//Valid
let validClasses = document.getElementsByName("valid");
let invalidClasses = document.getElementsByName("error");
//Password Verification
const passwordVerify = (password) => {

```

```

const regex = /^(?=.*[a-z])(?=.*[A-Z])(?=.*[0-9])(?=.*[$%^\&!#@#^*(())|+=~?>|<])/;
return regex.test(password) && password.length >=8;
};

//Text verification (if input contains only text)
const textVerify = (text) => {
  const regex = /^[a-zA-Z]{3,}$/;
  return regex.test(text);
};

//Phone number verification
const phoneVerify = (number) => {
  const regex = /^[0-9]{10}$/;
  return regex.test(number);
};

//Email verification
const emailVerify = (input) => {
  const regex = /^[a-zA-Z_]+@[a-zA-Z]{3,}\.[a-zA-Z]{3,}$/;
  return regex.test(input);
};

//For empty input - accepts(input,empty error for that input and other errors)
const emptyUpdate = (inputReference,emptyErrorReference,otherErrorReference) => {
  if (!inputReference.value) {
    //input is null/empty
    emptyErrorReference.classList.remove("hide");
    otherErrorReference.classList.add("hind");
    inputReference.classList.add("error");
  }
  else{
    //input has some content
    emptyErrorReference.classList.add("hide");
  }
};

//For error styling and displaying error message
const errorUpdate = (inputReference,errorReference) =>

```

```

{
    errorReference.classList.remove("hide");
    inputReference.classList.remove("value");
    inputReference.classList.add("error");
};

//For no errors

const validInput = (inputReference) => {
    inputReference.classList.remove("error");
    inputReference.classList.add("valid");
};

//First name

firstNameInput.addEventListener("input", () => {
    if(textVerify(firstNameInput.value)){
        //If verification return true
        firstNameError.classList.add("hide");
        validInput(firstNameInput);
    } else{
        //for false
        errorUpdate(firstNameInput,firstNameError);
        //empty checker
        emptyUpdate(firstNameInput,emptyFirstNameError,firstNameError);
    }
});

//Last name

lastNameInput.addEventListener("input",() => {
    if(textVerify(lastNameInput.value)) {
        lastNameError.classList.add("hide");
        validInput(lastNameInput);
    } else{
        errorUpdate(lastNameInput,lastNameError);
        emptyUpdate(lastNameInput,emptyLastNameError,lastNameError,);
    }
});

```

```

//Phone

phoneInput.addEventListener("input",() => {
    if(phoneVerify(phoneInput.value)){
        phoneError.classList.add("hide");
        validInput(phoneInput);
    } else{
        errorUpdate(phoneInput,phoneError);
        emptyUpdate(phoneInput,emptyPhoneError,phoneError);
    }
});

//Email

emailInput.addEventListener("input",() => {
    if(emailVerify(emailInput.value)){
        emailError.classList.add("hide");
        validInput(emailInput);
    } else{
        errorUpdate(emailInput,emailError);
        emptyUpdate(emailInput,emptyEmailError,emailError);
    }
});

//Password

passwordInput.addEventListener("input",() => {
    if(passwordVerify(passwordInput.value)){
        passwordError.classList.add("hide");
        validInput(passwordInput);
    } else{
        errorUpdate(passwordInput, passwordError);
        emptyUpdate(passwordInput, emptyPasswordError, passwordError);
    }
});

//Verify password

verifyPasswordInput.addEventListener("input",() => {
    if(verifyPasswordInput.value === passwordInput.value) {
        verifyPasswordError.classList.add("hide");
    }
});

```

```

    validInput	verifyPasswordInput;
} else{
    errorUpdate	verifyPasswordInput,verifyPasswordError);
    emptyUpdate	passwordInput,emptyVerifyPasswordError,verifyPasswordError);
}
});

//Submit button
submitButton.addEventListener("click", () => {
if (validClasses.length == 6 && invalidClasses.length == 0){
    alert("Success");
} else {
    alert("Error");
} });
</script></body></html>

```

RegistrationServlet.Java

```

package com.SmartCity.registration;

import java.io.IOException;
/***
 * Servlet implementation class RegistrationServlet
 */
@WebServlet("/register")
public class RegistrationServlet extends HttpServlet {
    private static final long serialVersionUID = 1L;

    protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException,
    IOException {

        String fname = request.getParameter("fname");
        String lname = request.getParameter("lname");
        String email = request.getParameter("email");
        String phone = request.getParameter("phone");
        String password = request.getParameter("password");
        String cpassword = request.getParameter("cpassword");
        RequestDispatcher dispatcher = null;
        Connection con = null;
    }
}

```

```

try {
    Class.forName("com.mysql.cj.jdbc.Driver");
    con = DriverManager.getConnection("jdbc:mysql://localhost:3306/smarty", "root", "root");
    PreparedStatement pst = con
        .prepareStatement("insert
    smarty.users(fname,lname,email,phone,password,cpassword) values(?,?,?,?,?,?)");
    pst.setString(1, fname);
    pst.setString(2, lname);
    pst.setString(3, email);
    pst.setString(4, phone);
    pst.setString(5, password);
    pst.setString(6, cpassword);
    int rowCount = pst.executeUpdate();
    dispatcher = request.getRequestDispatcher("Registration.jsp");
    if(rowCount > 0) {
        request.setAttribute("status", "success");
    }else {
        request.setAttribute("status", "failed");
    }
    dispatcher.forward(request, response);
} catch (Exception e) {
    e.printStackTrace();
}
finally {
    try {
        con.close();
    } catch (SQLException e) {
        e.printStackTrace();
    }
}
<a target="_blank" href="images/marin.jpg">
 </a>
<div class="desc">Marin Line</div>
</div><div class="gallery">
<a target="_blank" href="images/parla.jpg">
 </a>

```

```
<div class="desc">Parliament Building</div></div>

<div class="gallery">
<a target="_blank" href="images/nehru.jpg">
</a>
<div class="desc">Nehru scince center</div> </div>

<div class="gallery">
<a target="_blank" href="images/excel.jpg">
</a>
<div class="desc">water kingdom</div> </div>

<div class="gallery">
<a target="_blank" href="images/colaba.jpg">
 </a>
<div class="desc">colaba</div> </div>

<div class="gallery">
<a target="_blank" href="images/thulika.jpg">
 </a>
<div class="desc">thulika Art Gallery</div>
</div></div></body></html>
```

Login Page

Login.jsp

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<title>Login Page</title>
<style>
body {
background-image: url(mum.jpeg);
background-size: cover; }

.container {
width: 400px;
height: 500px;
background-color: #fff;
border-radius: 20px;
box-shadow: 70px 70px 70px rgba(0, 0, 0, 0.2);
position: absolute;
top: 50%;
left: 50%;
transform: translate(-50%, -50%); }

h1 {
text-align: center;
margin-top: 50px;
color: #333; }

form {
margin: 50px 30px; }

label {
display: block;
margin-bottom: 8px;
color: #666;
font-size: 16px; }

input[type="text"], input[type="password"] {
width: 100%; }
```

```
padding: 10px;  
border-radius: 5px;  
border: none;  
background-color: #f5f5f5;  
margin-bottom: 20px;  
font-size: 16px;  
color: #333; }  
  
input[type="submit"] {  
width: 100%;  
background-color:blue;  
color: #fff;  
padding: 10px;  
border-radius: 5px;  
border: none;  
cursor: pointer;  
font-size: 16px;  
margin-top: 20px; }  
  
.forget-pass {  
text-align: right;  
margin-top: 20px; }  
  
.forget-pass a {  
color: #666;  
text-decoration: none; }  
  
.signup {  
text-align: center;  
margin-top: 30px; }  
  
.signup a {  
color: #666;  
text-decoration: none; }  
  
.signup a{  
hover  
color:red;  
}  
</style></head>  
<body>
```

```

<div class="container">
    <h1>Login</h1>
    <form id="login-form" onsubmit="return validateForm()">
        <label for="username">Username</label>
        <input type="text" id="username" name="username" required>
        <label for="password">Password</label>
        <input type="password" id="password" name="password" required>
        <input type="submit" value="Login">
        <div class="forget-pass">
            <a href="#">Forgot Password?</a>
        </div>
        <div class="signup">
            Don't have an account? <a href="D:\Html files\index.html">Sign Up</a>
        </div>
    </form>
</div>

<script>function validateForm() {
    const usernameInput = document.getElementById('username');
    const passwordInput = document.getElementById('password');
    const usernameError = document.getElementById('username-error');
    const passwordError = document.getElementById('password-error');

    let isValid = true;

    if (usernameInput.value.trim() === '') {
        usernameError.innerText = 'Please enter your username';
        isValid = false;
    } else {
        usernameError.innerText = '';
    }

    if (passwordInput.value.trim() === '') {
        passwordError.innerText = 'Please enter your password';
        isValid = false;
    } else {
        passwordError.innerText = '';
    }

    return isValid;
}

if(username==""|| password=="" != null){

```

```

alert("Login Successfull.....");
</script></body></html>

package LoginServlet;

import java.io.IOException;

/**
 * Servlet implementation class LoginServlet
 */
@WebServlet("/Login")
public class LoginServlet extends HttpServlet {
    private static final long serialVersionUID = 1L;

    protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
        String username = request.getParameter("username");
        String password = request.getParameter("password");
        RequestDispatcher dispatcher = null;
        Connection con = null;
        try {
            Class.forName("com.mysql.cj.jdbc.Driver");
            con = DriverManager.getConnection("jdbc:mysql://localhost:3306/smartzcity", "root", "root");
            PreparedStatement pst = con.prepareStatement("select * from
(username,password) values(?,?)");
            pst.setString(1, username);
            pst.setString(2, password);
            int rowCount = pst.executeUpdate();
            dispatcher = request.getRequestDispatcher("Login.jsp");
            if(rowCount > 0) {
                request.setAttribute("status", "success"); else {
                    request.setAttribute("status", "failed");}
                dispatcher.forward(request, response);}
            catch(Exception e) {
                e.printStackTrace();} finally {try {
                    con.close();} catch(SQLException e) {
                e.printStackTrace();}}}
    }
}

```

Home2.jsp

```
<!DOCTYPE html>

<html><head><title></title>

<style>
*{
margin: 0; padding: 0; box-sizing: border-box;
font-family: 'Josefin Sans', sans-serif;
}

header{
width: 100%; height: 100vh;
background-image: url('images/mumbai.jpg');
background-repeat: no-repeat;
background-size: cover; }

nav {
width: 100%;
height: 15vh;
background: rgba(0, 0, 0, 0.2);
color: white;
display: flex;
justify-content: space-between;
align-items: center;
text-transform: uppercase; }

nav.logo{
width: 25%; text-align: center;
background: red; }

nav.menu{
width:40%; background: yellow;
display: flex; justify-content: space-around;
background: cyan; }

nav .menu a {
width: 120px;
padding: 0 40px;
text-decoration: none; color: white;
font-weight: bold; }
```

```
}

main{
    width: 100%;
    height: 85vh;
    display: flex;
    justify-content: center;
    align-items: center;
    align-items: center;
    text-align: center;
    color: white;
}

.button1{
    margin: 0px 10px;
    border: 2px solid #A2BAF5;
    padding: 13px 35px;
    letter-spacing: 1px;
    color: #000;
    border-radius: 30px;
    background-color: #A2BAF5;
    text-decoration: none;
}

.button1:hover{
    border: 2px solid #A2BAF5;
    color: #A2BAF5;
    background-color:white;
    transition:0.5s
    cursor:pointer;
}

.button2{
    margin: 0px 10px;
    border: 2px solid #A2BAF5;
    padding: 13px 35px; letter-spacing: 1px;
    color: #000; border-radius: 30px;
```

```

background-color: white; text-decoration: none;
}

.button2:hover{
    border: 2px solid #A2BAF5;color: #000;
    background-color:#A2BAF5; transition:0.5s;
    cursor:pointer;
} </style>

<link href="https://fonts.googleapis.com/css?family=josefin+Sans&display=swap" rel="stylesheet">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.1/css/all.min.css"/>

</head>
<body>
<header>
<nav>
    <div class="logo"><h1 class="">SMART CITY</h1> </div>
    <div class="menu">
        <ul>
            <a href="home.jsp">Home</a>
            <a href="student.jsp">student</a>
            <a href="tourist.jsp">Tourist</a>
            <a href="a2.jsp">jobseeker</a>
            <a href="food.jsp">foodie</a>
            <a href="other.jsp">other</a>
        </ul>
    </div> </nav>
<main><section>
    <h3>Welcome to Mumbai</h3>
    <h1>DO come & Visit Mumbai</h1>
    <p>Where dreams are fulfilled....and lives are settled !</p><br><br><br>
</section></main></header></body></html>

```

Student.jsp

```
<!DOCTYPE html>
<html><head>
    <title>Student</title></head>
    <style>
        *{
            margin: 0;
            padding: 0;
            font-family: century Gothic;
        }
        header{
            background-image:url(image.jpg);
            height: 100vh;
            background-size: cover; background-position: center;
        }
        ul{
            float: right;list-style-type: none; margin-top: 25px;
        }
        ul li{
            display: inline-block;
        }
        ul li a{
            text-decoration:none ;
            color: #fff;
            padding: 5px 20px;
            border: 1px solid #fff;
            transition: 0.6s ease;
        }
        ul li a:hover{
            background-color: #fff;
            color: #000;
        }
        .logo img{
            float:left;
            width: 150px;
            height: auto;
        }
        .main{
```

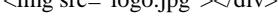
```

max-width: 1200px;
margin: auto;
}

.abc{
color: white;
text-shadow: 2px 2px 2px black;
position: absolute;
top: 50%;
left: 50%;
transform: translate(-50%,-50%);
font-weight: bold;
font-size: 30px;

}

</style></head><body> <header>

<div class="main"><div class="logo">

<ul>
<li><a href="college.jsp">College</a></li>
<li><a href="Library.jsp">Library</a></li>
<li><a href="Hostels.jsp">Hostels</a></li></ul> </div>

<p class="abc">"Education is the most powerful weapon which you can use to change the world."<br>-Nelson
Mandela</p></header>

</body></html>

```

College.jsp

```
<!DOCTYPE html>

<html><head><title>Student</title></head>

<style>

*{



margin: 0;padding: 0;

font-family: century Gothic;}

header{



background-image: linear-gradient(rgba(0,0,0,0.5),rgba(0,0,0,0.5)),url(image3.jpg);

height: 100vh;background-size: cover;background-position: center;}

.col{



font-size: 25px;font-family: century gothic;

font-weight: bold;padding-bottom: 20px;}

.first{position: absolute;



top:5%;left: 10px;right: 10px;text-align: center;

font-size: 40px;color: black;text-shadow: 2px 2px 2px white;

font-weight: bold; text-decoration: underline;}

.college{



padding-top: 120px;}

p a {



text-shadow: 1px 2px 2px black;

color: white;

text-decoration: none;}

p a:hover{



color: red;}

.previous-button {



background-color: #055715; border: none;

color: rgb(195, 186, 186);padding: 20px 30px;

text-align: center; text-decoration: none;

font-size: 16px; cursor: pointer;float: left;

margin-top: 1.0px; margin-left: 1.0px; }

.next-button {



background-color: #055715; border: none;

color: rgb(195, 186, 186);}
```

```

padding: 20px 30px;text-align: center;
text-decoration: none;font-size: 16px;
cursor: pointer; float: right;
margin-top: 1.0px; margin-right: 1.0px; }

</style></head><body>

<h1 class="first">LIST OF COLLEGES</h1>

<form method = "post" action="college"> <div class="form">

<header><div class="college">

<p class="col"><a href="http://mdshahmahilacollege.ac.in/">&rarr;SHRI. M. D. SHAH MAHILA COLLEGE OF
ARTS & COMMERCE,</a> <br> </p>

<p class="col"><a href="https://www.mctrigit.ac.in/">&rarr;Rajiv Gandhi Institute of Technology,</a> <br> </p>

<p class="col"><a href="https://www.bhavanscollege.ac.in/">&rarr;Bhavan's College of Arts, Science &
Commerce,</a> <br> </p>

<p class="col"><a href="https://en.wikipedia.org/wiki/Shree_L._R._Tiwari_Degree_College_of_Arts,Commerce_and_Science">&rarr;Sh
ree L. R. Tiwari Degree College of Arts,Commerce and Science,</a><br> </p>

<p class="col"><a href="https://nitie.ac.in/">&rarr;National Institute of Industrial Engineering ,</a> <br> </p>

<p class="col"><a href="https://www.shiksha.com/college/ghanshyamdas-saraf-college-of-arts-and-commerce-
malad-west-mumbai-64139">&rarr;Ghanshyamdas Saraf College of Arts and Commerce,</a><br></p>

<p class="col"><a href="https://www.tcsc.edu.in/">&rarr;Thakur College of Science and Commerce</a></p>

</div>

<a href="a1.jsp" class="previous-button">Previous</a>

<a href="Library.jsp" class="next-button">Next</a> </header> </div></form> </body></html>

```

Library.jsp

```
<!DOCTYPE html>

<html lang="en"><head>
    <title>Library</title>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script></head>

<style>
    .first {
        font-size: 40px;
        color: black;
        text-shadow: 2px 2px 2px white;
        font-weight: bold;
        text-decoration: underline;
    }

    .second {
        color: black;
        font-weight: bold;
        font-size: 30px;
    }

    .heading-color {
        color: #0173c0;
    }

    .previous-button {
        background-color: #055715; border: none;
        color: rgb(195, 186, 186);
        padding: 20px 30px; text-align: center;
        text-decoration: none; font-size: 16px;
        cursor: pointer; float: left;
        margin-top: 1.0px; margin-left: 1.0px;
    }

    .next-button {
        background-color: #055715;
    }
</style>
```

```

border: none; color: rgb(195, 186, 186);
padding: 20px 30px; text-align: center;
text-decoration: none; font-size: 16px;
cursor: pointer; float: right;
margin-top: 1.0px; margin-right: 1.0px;
}

</style>

<body>

<div class="text-center first">

    <h1>The Best Libraries In Mumbai That Every Book Lover Must Visit!</h1>

    <!-- <p>Resize this responsive page to see the effect!</p> --></div>

<div class="container">

    <div class="row">

        <div class="col-sm-12">

            <h3>1. Asiatic Library </h3>

            <br><br>

            <p>The Asiatic library is like a portal back into time.

                It is over 200 years old and has some of the rarest manuscripts in the country.

                You can also find many journals, magazines, articles,
                and newspapers that are more than a century old. You will be able to find these online as well,
                as

                they are being digitised for preservation. Two brilliant features of the library are the iconic
                staircase and Roman Colosseum-like columns that make the library a sight for sore eyes.</p>

            <h4 class="heding-color">ADDRESS – </h4>

            <p>The Asiatic Library is located at Town Hall, Shahid Bhagat Singh Road Horniman Circle,
            near RBI,
            Fort, Mumbai, Maharashtra 400023. <a target="_blank"

```

85

<p>The library is open from 10:30 AM to 6:45 PM.</p>

</div></div>

<div class="row">

<div class="col-sm-12">

<h3>2. David Sassoon Library</h3>

<p>Located near Kala Ghoda, this 150-year -old library is home to more than 70,000 books on varied subjects.

It also has books in rare regional languages that cannot be found anywhere else.

The British era construction is beautiful to look at, and the atmosphere is always peaceful, making it a great place to plonk yourself down and study.

Be sure to check out the balcony which provides a view of the garden nearby and Kala Ghoda. When the weather is pleasant, you can have a wonderful time on the balcony.</p>

<h4 class="heding-color">ADDRESS – </h4>

<p>The David Sassoon Library is located at 152, Mahatma Gandhi Road, which is just off the David Sassoon Library Marg.

It is opposite Jehangir Art Gallery at Kala Ghoda, Fort, Mumbai. <p style="color:#0c387a" >(Get Direction)</p>

</p>

<h4 class="heding-color">VISITING TIME – </h4>

<p>The library is open 8:00 AM to 9:00 PM.</p> </div>

<div class="row">

<div class="col-sm-12">

<h3>3. British Council Library</h3>

<p>The British Council Library has some creative membership plans for all which encourages a lot of people to join.

This is one of the finest libraries, not just in Mumbai, but in the country. It has a wide range of fiction &

non-fiction books, newspapers, magazines. Here, you also get exclusive theatre and film recordings that you can

listen to in the library. This place is an ocean of history.

One of the biggest advantages of the British Council Library is that students can also find a lot of study material

that saves them the cost of buying expensive textbooks. This library is definitely a place all students should visit.</p>

<h4 class="heding-color">ADDRESS – </h4>

<p>The British Council Library is at 901, 9th Floor of Tower 1 in One Indiabulls Centre.

This building is on 841, Senapati Bapat Marg on Elphinstone Road in Mumbai.

<a href="https://www.google.com/maps/dir/19.1266816,72.8825856/The+British+Council+Library+is+at+901,+9th+Floor+of+Tower+1+in+One+Indiabulls+Centre.+This+building+is+on+841,+Senapati+Bapat+Marg+on+Elphinstone+Road+in+Mumbai./@19.0666044,72.7893865,12z/data=!3m1!4b1!4m9!4m8!1m1!4e1!1m5!1m1!1s0x3be7ceebf0ee59f7:0xb861ff4494a1f08e!2m2!1d72.8322047!2d19.0067148"

target="_blank"> <p style="color:#0c387a" > (Get Direction)</p>

</p>

<h4 class="heding-color">VISITING TIME – </h4>

<p>The best time to visit the British Council Library is from 10:00 AM to 6:00 PM. The place is closed on Sundays.</p>

</div>

</div>

<div class="row">

<div class="col-sm-12">

<h3>4. Maharashtra Mitra Mandal Library</h3>

<p>Also known as MCubed, Maharashtra Mitra Mandal is the place for Marathi literature. There are separate kids

sections and adults sections in the library. Beyond your reading experience, MCubed also organises discussion

sessions. Theres also a literary festival held each year where the atmosphere is exciting. Do check out the beautiful

reading rooms as well.

Considering this library is aimed at students, the membership fees are quite affordable. Near the reception, you can

also find second-hand books that anyone can buy for INR 20/.</p>

<h4 class="heding-color">ADDRESS – </h4>

<p>The Maharashtra Mitra Mandal Library is in Princess Building near Bandra Gymkhana on DMonte Park Road in Bandra

(West), Mumbai.

<p style="color:#0c387a"> (Get Direction)

</p>

</p>

<h4 class="heding-color">VISITING TIME – </h4>

<p>You can visit Maharashtra Mitra Mandal from 10:00 AM to 8:00 PM.</p>

</div>

</div>

<div class="row">

<div class="col-sm-12">

<h3>5. Trilogy Library & Bookstor</h3>

<p>The Trilogy Library & Bookstore is tucked away from the bustle of Lower Parel. It is like a quiet corner where you can

come to enjoy the peace and a good read. And for good reading, you have fiction & non-fiction books, books on photography

and art, and you can even find graphic novels and comic books (old & new). You can easily come here and get lost in the world of books.

Trilogy Library & Bookstore also holds workshops for the members and even a few books launches occasionally.

The atmosphere here is always great, and the owners of the library are also always there to help you. </p>

<h4 class="heding-color">ADDRESS – </h4>

<p>Trilogy Library & Bookstore is in Building No. 28, just above the Mercedes Service Centre at Raghuvanshi Mills

Compound in Lower Parel, Mumbai.

<p style="color:#0c387a" > (Get Direction)</p>
</p>

</p>

<h4 class="heding-color">VISITING TIME – </h4>

<p>Throughout the week, the timings are 11:00 AM to 7:00 PM, and during weekends, the timings are 11:00 AM to 8:00 PM.</p>

</div>

</div>

<div class="row">

<div class="col-sm-12">

<h3>6. JN Petit Library</h3>

<p>Any book you want, you are most likely to find it at the JN Petit Library. There are more than 1.5 lakhs books here,

and the library also ensures that the collection is updated regularly. They also have a dedicated room containing old

copies, journals, and manuscripts of a bygone era. The structure of the library is also quite beautiful, and many

times, people find themselves admiring the beauty of the library instead of reading books.

The membership fees here are quite affordable and students should definitely take the membership,

and enjoy access to the latest books. </p>

<h4 class="heding-color">ADDRESS – </h4>

<p>The JN Petit Library is in JN Petit Institute, at 312, DN Road in Fort, Mumbai.

</p>

</p>

<h4 class="heding-color">VISITING TIME – </h4>

<p>You can visit the library during the weekdays from 9:00 AM to 6:30 PM and on Saturdays from 9:00 AM to 4:00 pm.

Sundays the place is shut.</p>

</div>

</div>

<div class="row">

<div class="col-sm-12">

<h3>7. Leaping Windows</h3>

<p>Leaping Windows is as modern as a library can get. Right above is a cafe that serves delicious food & beverages.

They also have a home delivery service where they deliver the book right to you, and even come to pick it up. Inside

the library, the walls and ceilings are adorned with murals of graphic novels and comic book characters. And along

with your usual fare of books, comics, and graphic novels, you also have access to manga.

Now, this is a place where one can really immerse themselves in pop culture.

Be sure to grab a sprawl mat and enjoy reading comfortably</p>

<h4 class="heding-color">ADDRESS – </h4>

The Leaping Windows library is at 3 Corner View, which is off Yari Road, opposite the Bianca Towers in Versova at

Andheri West, Mumbai.

<p style="color:#0c387a" > (Get Direction)</p>

</p>

</p>

VISITING TIME –

Open every day, you can visit Leaping Windows from 10:00 AM to 9:00 PM.

</div>

</div>

```
<div class="row">
```

```
<div class="col-sm-12">
```

8. Peoples Free Reading & Library

<p>Relive the British era writings at Peoples Free Reading & Library. This place has been around for more than a century

and has a legacy of having some of the finest literary works from the time the Britishers ruled India. Such is the

popularity of Peoples Free Reading & Library that it is always packed to the maximum. Theres also a separate room

just for the newspapers. This library is a wonderful place located in the bustling South Bombay area.

Students should definitely come here and consider getting a membership, as they have special subsidised rates just

for students.</p>

<h4 class="heding-color">ADDRESS – </h4>

<p>Peoples Free Reading & Library is on J.S.S. Road opposite the Metro Inox Cinemas near Dhobitalao at Marine Lines,

Mumbai.

</p>

</p>

VISITING TIME – </h4>

<p>From Monday to Saturday, the library is open from 9:00 AM to 7:00 PM, and on Sunday, it is open from 9:00 am to

1:00 PM.</p>

</div>

</div>

<div class="row">

<div class="col-sm-12">

9. NCPA Library</h3>

<p>This is the place if you want to read up on culture. The NCPA library has many books on theatre, music, dance, and

art. They also have a lot of books on anthropology, and the Stuart Liff Collection, which has many writing in Western

classical music. At NCPA, you can listen to music pieces on various forms of music in India, and speeches by famous

people. There is a whole special room dedicated to that. The NCPA library is actually so much more than a library.

Owing to so many things on offer, the NCPA library is always packed with the curious minds of students.

Its membership is quite affordable and worth more than value.</p>

ADDRESS – </h4>

<p>The NCPA library is on NCPA Marg at Nariman Point, Mumbai

</p>

</p>

<h4 class="heding-color">VISITING TIME – </h4>

<p>NCPA is open only during the weekdays from 10:00 AM to 6:00 PM.</p>

</div>

</div>

<div class="row">

<div class="col-sm-12">

<h3>10. The American Library</h3>

<p>Soak in the American culture at The American Library. Home to some of the best American literary works, this library

has more than 11,000 books on American art, business, science and academic writings, and periodicals. The library is

huge in size, which allows students to find comfortable spots and spend hours reading, without getting disturbed.

Oh, and if you don't want to read, you can also watch American classical films from their vast collection. The

membership fee of The American Library is quite affordable.</p>

<h4 class="heding-color">ADDRESS – </h4>

<p> The American Library is at the American Consulate in Bandra-Kurla Complex, Mumbai.

</p>

```
</p>

<h4 class="heding-color">VISITING TIME – </h4>

<p>The American Library is closed on the weekends, but operates from 8:00 AM to 4:30 PM.</p>
```

```
</div> </div>

<div class="row">
    <div class="col-sm-12">
        <h3>11. Jawaharlal Nehru Centre Library</h3>
        
        <br><br>
        <p>The Nehru library offers a very unique experience. Unlike every other library, you may have ever visited, this
```

one does not have all the books on display. You access these books by scanning their catalog and

requesting for a book, which they then fetch it for you from their backend. They have more academic

books, magazines, and newspapers. They even have every issue of National Geographic magazines since

1984! And the best part? There are no entry or membership fees! </p>

```
<h4 class="heding-color">ADDRESS – </h4>

<p>Discovery of India Building, Nehru Centre, Dr. Annie Besant Road, Worli, Mumbai <a href="https://www.google.com/maps/dir/19.1266816,72.8825856/Discovery+of+India+Building,+Nehru+Centre,+Dr.+Annie+Besant+Road,+Worli,+Mumbai/@19.0576971,72.7770476,12z/data=!3m1!4b1!4m9!4m8!1m1!4e1!1m5!1m1!1s0x3be7ce8634d4888f:0x9131625422b8957e!2m2!1d72.8154526!2d18.988739" target="_blank">
```

```
<p style="color:#0c387a" > (Get Direction)</p>
</a></p>
```

```
</p>

<h4 class="heding-color">VISITING TIME – </h4>

<p>Mon-Sat: 10:00 am to 6:00 pm. Closed on Sunday</p>
```

```
</div>
```

```
</div>
```

```
<a href="college.jsp" class="previous-button">Previous</a>
<a href="Hostels.jsp" class="next-button">Next</a>
</div>
</div></body></html>
```

Hostel.jsp

```
<!DOCTYPE html>

<html>
<head>
    <title>Hostels</title>
</head>
<style>
    *{
        margin: 0;
        padding: 0;
        font-family: century Gothic;
    }
    header{
        background-image: linear-gradient(rgba(0,0,0,0.5),rgba(0,0,0,0.5)),url(image7.jpg);
        height: 100vh;
        background-size: cover;
        background-position: center;
    }
    .col{
        font-size: 25px;
        font-family: century gothic;
        font-weight: bold;
        padding-bottom: 20px;
    }
    .first{
        position: absolute;
        top:5%;
        left: 10px;
        right: 10px;
        text-align: center;
        font-size: 40px;
    }

```

```
color: black;  
text-shadow: 2px 2px 2px white;  
font-weight: bold;  
text-decoration: underline;  
}  
.college{  
padding-top: 120px;  
}  
  
p a {  
text-shadow: 1px 2px 2px black;  
color: white;  
text-decoration: none;  
}  
p a:hover{  
color: red;  
}  
.previous-button {  
background-color: #055715;  
border: none;  
color: rgb(195, 186, 186);  
padding: 20px 30px;  
text-align: center;  
text-decoration: none;  
font-size: 16px;  
cursor: pointer;  
float: left;  
margin-top: 1.0px;  
margin-left: 1.0px;  
}  
/*.next-button {  
background-color: #055715;  
border: none;
```

```

color: rgb(195, 186, 186);
padding: 20px 30px;
text-align: center;
text-decoration: none;
font-size: 16px;
cursor: pointer;
float: right;
margin-top: 10px;
margin-right: 70px;
}*/
```

</style> </head> <body>

<body>

<h1 class="first">LIST OF HOSTELS</h1>

<form action="">

<div class="form">

<header>

<div class="college">

<p class="col">→Arma Hostel Mumbai,
 </p>

<p class="col"> →One Step Hostel,
 </p>

<p class="col">→Sobani Hostel ,
 </p>

<p class="col">→Sunrise Dormitory Hostel,
 </p>

<p class="col">→Sangeeta Girls Hostel ,
 </p>

<p class="col">→Nap Manor Hostels,
</p>

<p class="col"><a href="https://www.booking.com/hotel/in-wowstel.en-gb.html?aid=356980&label=gog235jc-1DCAsobEIHd293c3RlbEgzWANobIgBAZgBCbgBF8gBDNgBAgBAYgCAagCA7gC8_TboAbAAgHSAiQ1MmExYTYzNS00MmIzLTQyN2UtOTFkNS1jMjIwNmEyN

WJkYzHYAgTgAgE&dist=0&keep_landing=1&sb_price_type=total&type=total&">→Town Hostel
Mumbai - AC Dormitory,
</p>

<p class="col">→The Social Space Hostel</p>

</div>
Previous
</header> </div> </form>
</body.></html>

Tourist.jsp

```
<!DOCTYPE html>

<html>
<head>
    <title></title>
    <style>
        *{
            margin: 0; padding: 0; box-sizing: border-box;
            font-family: 'Josefin Sans', sans-serif;
        }
    header{
        width: 100%; height: 100vh;
        background-image: url('images/tourist.jpg');
        background-repeat: no-repeat;
        background-size: cover;
    }
    nav {
        width: 100%;
        height: 15vh;
        background: rgba(0, 0, 0, 0.2);
        color: white;
        display: flex;
        justify-content: space-between;
        align-items: center;
        text-transform: uppercase;
    }
    nav.logo{
        width: 25%; text-align: center;
        background: red;
    }
    nav.menu{
        width:40%; background: yellow;
```

```
display: flex; justify-content: space-around;  
background: cyan;  
}
```

```
nav .menu a {  
width: 120px;  
padding: 0 40px;  
text-decoration: none;  
color: white;  
font-weight: bold;  
}
```

```
main{  
width: 100%;  
height: 85vh;  
display: flex;  
justify-content: center;  
align-items: center;  
align-items: center;  
text-align: center;  
color: white;  
}
```

```
.button1{  
margin: 0px 10px;  
border: 2px solid #A2BAF5;  
padding: 13px 35px;  
letter-spacing: 1px;  
color: #000;  
border-radius: 30px;  
background-color: #A2BAF5;  
text-decoration: none;  
}
```

```
.button1:hover{  
border: 2px solid #A2BAF5;  
color: #A2BAF5;
```

```

background-color:white;
transition:0.5s
cursor:pointer;
}

.button2{
margin: 0px 10px;
border: 2px solid #A2BAF5;
padding: 13px 35px;
letter-spacing: 1px; color: #000;
border-radius: 30px;
background-color: white;
text-decoration: none;
}

.button2:hover{
border: 2px solid #A2BAF5; color: #000;
background-color:#A2BAF5; transition:0.5s;
cursor:pointer;
}

</style>

<link href ="https://fonts.googleapis.com/css?family=josefin+Sans&display=swap" rel="stylesheet">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.1/css/all.min.css"/>
</head><body>

<header>

<nav>

<div class="logo"><h1 class="">Tourist</h1></div><div class="menu">

<ul>

<a href="Hotel.jsp">Hotels</a>
<a href="popular destination.jsp">Popular Destinations</a>
<a href="caves&temple.jsp">caves & temple</a>
<a href="Garden&Beaches.jsp">Garden & beach</a>

</div> </nav>

<main>

<section>

```

```
<br><h1>Welcome to Mumbai</h1><br><br>
<p style="font-size:2.5vw">To move, to breathe, to fly, to float, To gain all while you give, To roam the roads of
lands remote: To travel is to live</p>
<br><br><h1>Where dreams are fulfilled....and lives are settled !</h1><br><br><br>
</section></main> </header></body></html>
```

Hotel.jsp

```
<!DOCTYPE html>
<html><head>
<title></title><style>
body
{
    margin: 100px;padding: 0;
    font-family: poppins;display: flex;
    justify-content: center;
    align-items: center;align-content: center;
    min-height: 100vh;color: #fff;
}
.container
{
    width: 1200px;display: flex;flex-wrap: wrap;
    justify-content: space-between;
}
.card
{
    position: relative;padding: 20px;
    margin-bottom:50px;left: -6;
    width: 300px;height: 400px;
    transition: 0.3s ease-out;
    box-shadow: 0 3px 15px rgba(0, 0, 0, 0.7);
}
.card .imgbox
{
    position: relative;
    top: 0;left: 0;
    width: 100%;height: 100%;
}
.card .imgbox img
{
    position: absolute;
    top: 0;left: 0;
```

```

width: 100%;height: 80%;

display: block;

transition: 0.5s;

}

.card .content

{

position: absolute;left: 0;

bottom: 0;width: 100%;height: 100px;

padding: 12px;background: #ff0066;

transition: all 0.5s cubic-bezier(.48,-0.28,0.41,1.4);

box-sizing: border-box;overflow: hidden;

}

.card:hover .content

{

width: 100%;height: 75%;

left: 0;bottom: 0;

}

.content p

{margin: 10px 0 0;

padding: 1em 1em;transform: translateY(2em);

line-height: 1.3em;transition: 0.3s;text-align: justify;opacity: 0;

}

.card:hover .content p

{transform: translateY(0);

opacity: 1;}

h2

{

text-align: center;}

.card:hover

{

box-shadow: 0 0 5em rgba(0, 0, 0, 0.4);}

.button{

margin: 0px 10px;border: 2px solid #4d96fb;

padding: 13px 35px; justify-content: center;

```

```

display:flex; letter-spacing: 1px;
color: #000; border-radius: 30px;
background-color: #4d96fb;text-decoration: none;
}

.button:hover{
border: 2px solid #A2BAF5;
color: #4d96fb; background-color:white;
transition:0.5s;cursor:pointer;

```

</style></head><body>

The Oberoi Mumbai

South Mumbai, Mumbai
The Oberoi, Mumbai offers luxury and convenience with a wide range of 24 hour services like spa, butler service, laundry, concierge, business centre and travel desk

[Go to Location](https://www.google.co.in/maps/dir/19.184925,72.8397314/the+oberoi+mumbai/@19.0595435,72.7003298,11z/data=!3m1!4b1!4m9!4m8!1m1!4e1!1m5!1m1!1s0x3be7d1e96ffff:0x385eaa65d82abec1!2m2!1d72.8204516!2d18.926975)

Hotel Seven Hills Inn

Millenium Plaza, New T2 Airport Link Road, Near Sakinaka, Telephone Exchange, Andheri East, 400059 Mumbai, India
Situated 2.8 km from Phoenix Market City Mall, Hotel Seven Hills

[Go to Location](https://www.google.co.in/maps/dir//Hotel+Seven+Hills+Inn/data=!4m6!4m5!1m1!4e2!1m2!1m1!1s0x3be7c86ed35d58e1:0x923cff0fce173c97?sa=X&ved=2ahUKEwiw8f2cz-f9AhU5SWwGHUtmC64Q9Rd6BAh_EAQ)

```

<div class="content">

    <h2>Novotel Mumbai Juhu Beach</h2><p>Situated 5.1 km from Chhatrapati Shivaji Airport and overlooking the Arabian Sea Novotel Mumbai Juhu Beach is a beach front property. The hotel features an outdoor pool overlooking the ocean, free parking and 6 dining options</p>

    <a href="https://www.google.co.in/maps/dir//Novotel+Mumbai+Juhu+Beach/data=!4m6!4m5!1m1!4e2!1m2!1m1!1s0x3be7c99824616e79:0xa01db96507bcb46?sa=X&ved=2ahUKEwjVr8aQzef9AhWWwnMBHTGYBcUQ9Rd6BQigARA E" class="button">Go to Location</a>

</div>

</div>

<div class="card">

    <div class="imgbox">
        
    </div>

    <div class="content">
        <h2>The Leela Mumbai</h2>

        <p>Sahar Road, 400059 Mumbai, India <br>Luxurious accommodation coupled with 6 dining options can be expected at The Leela Mumbai, just 5 minutes' drive from Chhatrapati Shivaji International Airport. An outdoor pool, fitness centre and pampering spa are available.</p>

        <a href="https://www.google.co.in/maps/dir//The+Leela+Mumbai/data=!4m6!4m5!1m1!4e2!1m2!1m1!1s0x3be7c83fc0eb5271:0x52b711524a2da569?sa=X&ved=2ahUKEwiIr4fl0ef9AhVESmwGHfV_C9kQ9Rd6BQiWARAE" class="button">Go to Location</a>

    </div>

</div>

<div class="card">

    <div class="imgbox">
        
    </div>

    <div class="content">
        <h2>The Taj Mahal Palace</h2>

        <p>Built in 1903, the iconic Taj Mahal Palace stands majestically opposite the Gateway of India, overlooking the Arabian Sea<br>Sprawled over 2.6 acres, this luxurious hotel boasts 10 restaurants and a variety of traditional Indian therapies at Jiva Spa. </p><br>

        <br><a href="https://www.google.co.in/maps/dir//taj+hotel+mumbai+taj+hotel+mumbai/data=!4m6!4m5!1m1!4e2!1m2!1m1!1s0x3be7d1c06fffffff:0xc0290485a4d73f57?sa=X&ved=2ahUKEwjhx7bzz-f9AhUqcGwGHYhgB7EQ9Rd6BQiAARAE" class="button">Go to Location</a>

    </div></div>

<div class="card">

```

```

<div class="imgbox">
    </div>
<div class="content">
    <h2>Trident Bandra Kurla</h2>
<p> C-56, G Block, Bandra Kurla Complex, Bandra, 400051 Mumbai, India

<br>The 5-star Trident Bandra Kurla provides an outdoor swimming pool and full spa services. On-site parking is free.
<p>

    <a href="https://www.google.co.in/maps/dir//Trident+Bandra+Kurla/data=!4m6!4m5!1m1!4e2!1m2!1m1!1s0x3be7c8e94b11a821:0x74acefa4382dbb18?sa=X&ved=2ahUKEwizhK_m0uf9AhX-TmwGHYHRAT4Q9Rd6BQiqARAE" class="button">Go to Location</a>
</div></div>

<div class="card">
    <div class="imgbox">
        </div>
    <div class="content">
        <h2>The St. Regis Mumbai</h2>
<p> 462, Senapati Bapat Marg, Worli, 400013 Mumbai, India <br>With exquisitely styled and lavishly appointed accommodations, The St. Regis Mumbai is located in cityâ€™s premier entertainment and commercial district of Lower Parel and is renowned for its unique sense of refined luxury. Free WiFi is available.</p>
        <a href="https://www.google.co.in/maps/dir/19.184925,72.8397314/The+St.+Regis+Mumbai/@19.0915228,72.771518,12z/data=!3m1!4b1!4m9!4m8!1m1!4e1!1m5!1m1!1s0x3be7ce8b78ac3db9:0x395ad82b0a483225!2m2!1d72.8252274!2d18.994456" class="button">Go to Location</a>
</div></div>

<div class="card">
    <div class="imgbox">
        </div>
<div class="card">
    <div class="imgbox">
        
    </div>
    <div class="content">
        <h2>VITS Mumbai International Airport</h2>
<p> Andheri Kurla Road, 400059 Mumbai, India â€œ Great location - show map â€œ
Metro access

```


VITS Mumbai is located only a 5-minute drive from Chhatrapati Shivaji International Airport.

</p>

Go to Location

</div></div>

</div></body></html>

PopularDestination.jsp

```
<!DOCTYPE html>

<html><head><title></title><style>

body
{
    margin: 100px;
    padding: 0;
    font-family: poppins;
    display: flex;
    justify-content: center;
    align-items: center;
    align-content: center;
    min-height: 100vh;
    color: #fff;
}

.container
{
    width: 1200px;
    display: flex;
    flex-wrap: wrap;
    justify-content: space-between;
}

.card
{
    position: relative;
    padding: 20px;
    margin-bottom:50px;
    left: -6;
    width: 300px;
    height: 400px;
    transition: 0.3s ease-out;
    box-shadow: 0 3px 15px rgba(0, 0, 0, 0.7);
}
```

```
}

.card .imgbox
{
    position: relative;
    top: 0;
    left: 0;
    width: 100%;
    height: 100%;}

.card .imgbox img
{
    position: absolute; top: 0;
    left: 0; width: 100%;
    height: 80%;
    display: block; transition: 0.5s; }

.card .content
{
    position: absolute; left: 0;
    bottom: 0; width: 100%;
    height: 100px; padding: 12px;
    background: #ff0066;
    transition: all 0.5s cubic-bezier(.48,-0.28,0.41,1.4);
    box-sizing: border-box; overflow: hidden;
}

.card:hover .content
{
    width: 100%;
    height: 75%; left: 0; bottom: 0; }

.content p
{
    margin: 10px 0 0;
    padding: 1em 1em;
    transform: translateY(2em);
    line-height: 1.3em;
    transition: 0.3s;
```

```
    text-align: justify;
    opacity: 0;
}

.card:hover .content p
{
    transform: translateY(0);
    opacity: 1;
}

h2
{
    text-align: center;
}

.card:hover
{
    box-shadow: 0 0 5em rgba(0, 0, 0, 0.4);
}

.button{
    margin: 0px 10px;
    border: 2px solid #4d96fb;
    padding: 13px 35px;
    justify-content: center;
    display:flex;
    letter-spacing: 1px;
    color: #000;
    border-radius: 30px;
    background-color: #4d96fb;
    text-decoration: none;
}

.button:hover{
    border: 2px solid #A2BAF5;
    color: #4d96fb;
    background-color:white;
```

```

transition:0.5s
cursor:pointer;
</style>
</head>
<body>
<div class="container">
<div class="card">
<div class="imgbox">

</div>
<div class="content">
<h2>Gateway of India</h2>
<p>Tripadvisor (12,547) · Landmark & historical building
Hotel Apollo Mahakavi Bhushan Road, Mumbai, Maharashtra 400001 · ~18.8 km</p>
<a href="https://www.google.co.in/maps/dir//gateway+of+india/data=!4m6!4m5!1m1!4e2!1m2!1m1!1s0x3be7d1c73a0d5cad:0xc70a25a7209c733c?sa=X&ved=2ahUKEwiFupnQyOf9AhWuXWwGHXTZCIgQ9Rd6BQiBARAF" class="button" >Go to Location</a>
</div>
</div>

<div class="card">
<div class="imgbox">

</div>
<div class="content">
<h2>Chhatrapati Shivaji Terminus</h2>
<p>Tripadvisor (4,513) · Train station Dadabhai Naoroji Road, Chhatrapati Shivaji Terminus Area, Fort, Mumbai,<br>Opens--Mon 02:00 Saturday Closed<br> Sunday--Closed<br> other Day--02:00 - 17:00</p>
<a href="https://www.google.co.in/maps/dir/19.184925,72.8397314/chhatrapati+shivaji+maharaj+terminus/@19.0659783,72.705546,11z/data=!3m1!4b1!4m9!4m8!1m1!4e1!1m5!1m1!1s0x3be7ce27b8aa3bdf:0x21434b0703218d1b!2m2!1d72.8354475!2d18.9398446" class="button" >Go to Location</a>
</div>
</div>
<div class="card">

```

```
<div class="imgbox">
    
</div>
<div class="content">
    <h2>Bandra - Worli Sea Link</h2>
    <p>Mt Mary, Bandra West, Mumbai, Maharashtra 400030 · ~55.5 km<br>The Bandra-Worli Sea Link is a 5.6 km long, 8-lane wide bridge that links Bandra in the Western Suburbs of Mumbai </p>
    <a href="https://www.google.co.in/maps/dir/19.184925,72.8397314/Bandra+-+Worli+Sea+Link/@19.0986062,72.7658224,12z/data=!3m1!4b1!4m9!4m8!1m1!4e1!1m5!1m1!1s0x3be7cf458976047d:0x92f754f6dbd62de3!2m2!1d72.8144059!2d19.0251963" class="button">Go to Location</a>
</div></div>
<div class="card">
    <div class="imgbox">
        
    </div>
    <div class="content">
        <h2>Rajabai Clock Tower</h2>
        <p>Karmaveer Bhaurao Patil Marg, Mumbai, Maharashtra 400032 · ~68.4 km<br>The Rajabai Tower is a clock tower in South Mumbai India. It is in the confines of the Fort campus of the University of Mumbai. It stands at a height of 85 m.<br><br>All day open--<br>09:00 - 22:45</p>
        <a href="https://www.google.co.in/maps/dir/19.184925,72.8397314/Rajabai+Clock+Tower/@19.060301,72.7038915,11z/data=!3m1!4b1!4m9!4m8!1m1!4e1!1m5!1m1!1s0x3be7d1c2dd3082b3:0x15db02833bd8cc03!2m2!1d72.8299809!2d18.9297667" class="button">Go to Location</a>
    </div></div>
    <div class="card">
        <div class="imgbox">
            
        </div>
        <div class="content">
            <h2>Dr. Bhau Daji Lad Museum</h2>
            <p>91 A, Rani Baug, Veer Mata Jijbai Bhonsle Udyan, Dr Baba Saheb Ambedkar Marg, Byculla East, Mumbai, Maharashtra 400027 · ~62.8 km</p>
            <br>Wednesday--Closed<br>other day-- 10:00 - 18:00<br> <br> <a href="https://www.google.co.in/maps/dir/Dr.+Bhau+Daji+Lad+Museum%3C/data=!4m6!4m5!1m1!4e2!1m2!1m1!1s0x3be7ce5b428e70af:0x79efde6c140c2e05?sa=X&ved=2ahUKEwiFiOalxuf9AhU3SGwGHXxE CYkQ9Rd6BQiAARAF" class="button">Go to Location</a>
        </div></div>
    <div class="card">
        <div class="imgbox">

```

```

</div>

<div class="content">
    <h2>Colaba Causeway</h2>
    <p>Upper Colaba Road, Mumbai, Maharashtra · ~68.9 km.<br>Colaba Causeway, officially known as Shahid Bhagat Singh Road, is a commercial street, and a major causeway or land link between Colaba <p>
        <a href="https://www.google.co.in/maps/dir//Colaba+Causeway,+Mumbai,+Maharashtra/@18.9246447,72.8299428,17z/data=!4m8!4m7!1m0!1m5!1m1!1s0x3be7d194218579c9:0xd9ae43411acdb561!2m2!1d72.8321315!2d18.9246447" class="button">Go to Location</a>
    </div></div>
<div class="card">
    <div class="imgbox">
        </div>
    <div class="content">
        <h2>Parliament Building</h2>
        <p>Madam Kama Road, Nariman Point, Hutatma Rajguru Chowk, Mumbai, Maharashtra 400032 · ~18.5 km<br>This place is of high significance for Indian politics. Outsider are not allowed.. But it's lighted very well from outside during night. A good visit place for selfies</p>
        <a href="https://www.google.co.in/maps/dir//WRGF%2BFMF+Maharashtra+Vidhan+Bhavan,+Vidhan+Bhavan+Marg,+Nariman+Point,+Mumbai,+Maharashtra+400021/data=!4m6!4m5!1m1!4e2!1m2!1m1!1s0x3be7d1e96d790c07:0x5240aee242919df5?sa=X&ved=2ahUKEwi09eKDX-f9AhV6R2wGHWYuCzYQ48ADegQIZxAO" class="button">Go to Location</a>
    </div>
</div>
<div class="card">
    <div class="imgbox">
        
    </div>
    <div class="content">
        <h2>Mani Bhavan Gandhi Sangrahalaya</h2>
        <p>19 Laburnum Road, Gamdevi, Mumbai, Maharashtra 400007 · ~65.1 km<br>Mani Bhavan is a museum and historical building dedicated to Gandhi, situated at Laburnum Road in the Gamdevi precinct of Mumbai.</p>
        <a href="https://www.google.co.in/maps/dir//Mani+Bhavan+Gandhi+Sangrahalaya/data=!4m6!4m5!1m1!4e2!1m2!1m1!1s0x3be7ce0c6988759f:0x1ffe26352f6ff22e?sa=X&ved=2ahUKEwjfjrvTx-f9AhUQR2wGHXxCBqEQ9Rd6BQiGARAF" class="button">Go to Location</a>
    </div>

```

```
</div>

<div class="card">
    <div class="imgbox">
        
    </div>
    <div class="content">
        <h2>Nehru Centre</h2>
        <p>Nehru Centre Dr. Annie Besant Road, Worli, Mumbai, Maharashtra 400018 · ~19.1
km<p>
        <a href="https://www.google.co.in/maps/dir//XRQ8%2B84H+Nehru+Centre:+Hall+Of+Harmony,+Lotus+Colony,+Worli,+Mumbai,+Maharashtra+400018/@18.9883016,72.8066134,16z/data=!4m8!4m7!1m0!1m5!1m1!1s0x3be7cfa4d8a58e97:0x3fa071d70242b742!2m2!1d72.8153681!2d18.9883016" class="button">Go to Location</a>
    </div></div></div></body></html>
```

Caves and Temples.jsp

```
<!DOCTYPE html>

<html>
<head>
    <title></title>
    <style>
body
{
    margin: 100px;
    padding: 0;
    font-family: poppins;
    display: flex;
    justify-content: center;
    align-items: center;
    align-content: center;
    min-height: 100vh;
    color: #fff;
}

.container
{
    width: 1200px;
    display: flex;
    flex-wrap: wrap;
    justify-content: space-between;
}

.card
{
    position: relative;
    padding: 20px;
    margin-bottom:50px;
    left: -6;
}
```

```
width: 300px;  
height: 400px;  
transition: 0.3s ease-out;  
box-shadow: 0 3px 15px rgba(0, 0, 0, 0.7);  
}  
  
}
```

```
.card .imgbox  
{  
position: relative;  
top: 0;  
left: 0;  
width: 100%;  
height: 100%;  
}  
  
}
```

```
.card .imgbox img  
{  
position: absolute;  
top: 0;  
left: 0;  
width: 100%;  
height: 80%;  
display: block;  
transition: 0.5s;  
}
```

```
.card .content  
{  
position: absolute;  
left: 0;  
bottom: 0;  
width: 100%;
```

```
height: 100px;  
padding: 12px;  
background: #ff0066;  
transition: all 0.5s cubic-bezier(.48,-0.28,0.41,1.4);  
box-sizing: border-box;  
overflow: hidden;  
}  
}
```

```
.card:hover .content
```

```
{  
width: 100%;  
height: 75%;  
left: 0;  
bottom: 0;
```

```
}
```

```
.content p
```

```
{  
margin: 10px 0 0;  
padding: 1em 1em;  
transform: translateY(2em);  
line-height: 1.3em;  
transition: 0.3s;  
text-align: justify;  
opacity: 0;  
}
```

```
.card:hover .content p
```

```
{  
transform: translateY(0);  
opacity: 1;  
}
```

```
h2
{
    text-align: center;
}

.card:hover
{
    box-shadow: 0 0 5em rgba(0, 0, 0, 0.4);
}

.button{
    margin: 0px 10px;
    border: 2px solid #4d96fb;
    padding: 13px 35px;
    justify-content: center;
    display:flex;
    letter-spacing: 1px;
    color: #000;
    border-radius: 30px;
    background-color: #4d96fb;
    text-decoration: none;
}
.button:hover{
    border: 2px solid #A2BAF5;
    color: #4d96fb;
    background-color:white;
    transition:0.5s
    cursor:pointer;
}

</style>

</head>
<body>
```

```

<div class="container">

    <div class="card">
        <div class="imgbox">
            
        </div>
        <div class="content">
            <h2>Kanheri Caves</h2>
            <p>National Park-Kanheri Caves Road, Mumbai, Maharashtra 400101 · ~10.9 km<br>The Kanheri Caves are a group of caves and rock-cut monuments cut into a massive basalt outcrop in the forests of the Sanjay Gandhi National Park, </p>
            <a href="https://www.google.co.in/maps/dir//Kanheri+Caves,+Mumbai,+Maharashtra+400101/@19.2058509,72.9046617,17z/data=!4m8!4m7!1m0!1m5!1m1!1s0x3be7b9e6e177d16d:0xf5677ab36922b95f!2m2!1d72.9068504!2d19.2058509" class="button">Go to Location</a>
        </div>
    </div>

    <div class="card">
        <div class="imgbox">
            
        </div>
        <div class="content">
            <h2>Elephanta Caves</h2>
            <p>Gharapuri Island, Mumbai, Maharashtra 400094 · ~16.4 km<br>The Elephanta Caves are a collection of cave temples predominantly dedicated to the Hindu god Shiva.[1][2][3] They are on Elephanta Island, </p>
            <a href="https://www.google.co.in/maps/dir//location+of+elephanta+caves/data=!4m6!4m5!1m1!4e2!1m2!1m1!1s0x3be7c5307da3602f:0xf4ab181b1aaef53f?sa=X&ved=2ahUKEwiX-vfp0ej9AhVRR2wGHTrfC_gQ9Rd6BQiHARAF" class="button">Go to Location</a>
        </div>
    </div>

    <div class="card">

```

```
<div class="imgbox">  
      
</div>
```

```
<div class="content">
```

```
    <h2>Mahakali Caves</h2>
```

```
    <p>Mahakali Caves Rd, Sunder Nagar, Andheri East, Jogeshwari East, Mumbai,  
    Maharashtra 400093 · ~5.1 km<br>The Mahakali Caves, also Kondivite Caves, are a group of 19 rock-cut monuments  
    built between 1st century BCE and 6th century CE</p>
```

```
    <a href="https://www.google.co.in/maps/dir//4VJF%2B27M+Mahakali+Caves,+Mahakali+Caves+Rd,+Sunder+Nagar,+Andheri+East,+Mumbai,+Maharashtra+400093/@19.1300798,72.8709851,17z/data=!4m8!4m7!1m0!1m5!1m1!1s0x3be7c82074c3942f:0x20ac48d1ab4e8ed7!2m2!1d72.8731738!2d19.1300798" class="button">Go to Location</a>  
</div>
```

```
</div>
```

```
<div class="card">
```

```
    <div class="imgbox">  
          
</div>
```

```
<div class="content">
```

```
    <h2>Siddhivinayak Temple, Mumbai</h2>
```

```
    <p>Mumbai, MH, India, Mumbai, Maharashtra, Maharashtra 400001 · ~16 km</p>
```

```
    <br><a href="https://www.google.co.in/maps/dir//2R8J%2BP4J+Shree+Siddhivinayak+Temple,+SK+Bole+Marg,+Prabhadevi,+Mumbai,+Maharashtra+400028/@19.0168254,72.8280617,17z/data=!4m8!4m7!1m0!1m5!1m1!1s0x3be7cec0d851ebc3:0xcc61876914526329!2m2!1d72.8302504!2d19.0168254" class="button">Go to Location</a>
```

```
</div>
```

```
</div>
```

```
<div class="card">
```

```
    <div class="imgbox">  
          
</div>
```

```
<div class="content">
```

```
    <h2>Babulnath Temple</h2>
```

<p>Babulnath Road, Mumbai, Maharashtra 400006 · ~16.8 km
Lord Shiva on the hill of Babulnath being the principal deity of Mumbai showers his grace and mercy on entire city.</p>

Go to Location

</div>

</div>

<div class="card">

<div class="imgbox">

</div>

<div class="content">

<h2>Mumba Devi Temple</h2>

<p>Mumba Devi Marg, Zaveri Bazar, Mumbai, Maharashtra 400002 · ~16.2 km
Mumba Devi Mandir is an old temple in the city of Mumbai, Maharashtra, India dedicated to the goddess Mumbā, the local incarnation of the Devi.</p>

Go to Location

</div>

</div>

<div class="card">

<div class="imgbox">

</div>

<div class="content">

<h2>St Michael's Church, Mumbai</h2>

<p>Lady Jamshedji Road, Mahim West, Mumbai, Maharashtra 400016 · ~17 km
Built between 1512 and 1585 as per various accounts, St Michael's Church is the oldest Christian house of worship in the city</p>

Go to Location

</div>

```

</div>

<div class="card">
    <div class="imgbox">
        
    </div>
    <div class="content">
        <h2>Mount Mary Church</h2>
        <p>Mount Mary Road, Bandra West, Mumbai, Maharashtra 400050 · ~16.6 km<br>The Basilica of Our Lady of the Mount, more commonly known as Mount Mary Church, is a Roman Catholic Basilica located in Bandra, Mumbai.</p>
        <a href="https://www.google.co.in/maps/dir//mount+mary+church+mumbai/data=!4m6!4m5!1m1!4e2!1m2!1m1!1s0x3be7c9409a609d75:0xd0a71c45e7557bfa?sa=X&ved=2ahUKEwjijuWfxOn9AhWrR2wGHZDRA_0Q9Rd6BQiZARAF" class="button">Go to Location</a>
    </div>
</div>

<div class="card">
    <div class="imgbox">
        
    </div>
    <div class="content">
        <h2>Global Vipassana Pagoda</h2><p>Next to Esselworld, Gorai Village, Borivali (West), Mumbai, Maharashtra 400091 · ~5 km<br>The Global Vipassana Pagoda is a Meditation dome hall with a capacity to seat around 8,000 Vipassana</p>
        <a href="https://www.google.co.in/maps/dir//Global+Vipassana+Pagoda+location+of+Mumbai/data=!4m6!4m5!1m1!4e2!1m2!1m1!1s0x3be7b158222067c7:0x4ce86be376e098ba?sa=X&ved=2ahUKEwjszsCKwun9AhXszTgGHeKhBdEQ9Rd6BQiJARAF" class="button">Go to Location</a>
    </div>
</div>
</div>
</body>
</html>

```

Garden and beaches page

Gardenandbeaches.jsp

```
<!DOCTYPE html>

<html><head><title></title><style>

body
{
    margin: 100px;
    padding: 0;
    font-family: poppins;
    display: flex;
    justify-content: center;
    align-items: center;
    align-content: center;
    min-height: 100vh;
    color: #fff;
}

.container
{
    width: 1200px;
    display: flex;
    flex-wrap: wrap;
    justify-content: space-between;
}

.card
{
    position: relative;
    padding: 20px;
    margin-bottom: 50px;
    left: -6;
    width: 300px;
    height: 400px;
    transition: 0.3s ease-out;
    box-shadow: 0 3px 15px rgba(0, 0, 0, 0.7);
}

.card .imgbox
{
```

```
position: relative;  
top: 0;  
left: 0;  
width: 100%;  
height: 100%;  
}  
.card .imgbox img  
{  
position: absolute;  
top: 0;  
left: 0;  
width: 100%;  
height: 80%;  
display: block;  
transition: 0.5s;}  
.card .content  
{  
position: absolute;  
left: 0;  
bottom: 0;  
width: 100%;  
height: 100px;  
padding: 12px;  
background: #ff0066;  
transition: all 0.5s cubic-bezier(.48,-0.28,0.41,1.4);  
box-sizing: border-box;  
overflow: hidden;}  
.card:hover .content  
{  
width: 100%;  
height: 75%;  
left: 0;  
bottom: 0;}  
.content p{  
margin: 10px 0 0;  
}
```

```
padding: 1em 1em;  
transform: translateY(2em);  
line-height: 1.3em;  
transition: 0.3s;  
text-align: justify;  
opacity: 0;}  
  
.card:hover .content p{  
    transform: translateY(0);  
    opacity: 1;}  
  
h2{  
    text-align: center;}  
  
.card:hover{  
    box-shadow: 0 0 5em rgba(0, 0, 0, 0.4);}  
  
.button{  
    margin: 0px 10px;  
    border: 2px solid #4d96fb;  
    padding: 13px 35px;  
    justify-content: center;  
    display:flex;  
    letter-spacing: 1px;  
    color: #000;  
    border-radius: 30px;  
    background-color: #4d96fb;  
    text-decoration: none;}  
  
.button:hover{  
    border: 2px solid #A2BAF5;  
    color: #4d96fb;  
    background-color:white;  
    transition:0.5s  
    cursor:pointer;}  
  
</style></head><body>  
<div class="container">  
    <div class="card">  
        <div class="imgbox">
```

```

</div>

<div class="content">
    <h2>Hanging Gardens, Malabar Hill</h2>
    <p>Hanging Gardens are the most popular gardens in Mumbai. The gardens are also known as Pherozeshah Mehta Gardens. These gardens are one of the most beautiful gardens in Mumbai..</p>
    <a href="https://www.google.co.in/maps/dir//Hanging+Garden,+Simla+Nagar,+Malabar+Hill,+Mumbai,+Maharashtra+400006/@18.9568956,72.8021443,17z/data=!4m8!4m7!1m0!1m5!1m1!1s0x3be7ce09ef862053:0x44e18800c5f085d9!2m2!1d72.804333!2d18.9568956" class="button" >Go to Location</a>
</div></div>

<div class="card">
    <div class="imgbox">
        </div>
    <div class="content">
        <h2>Johnson & Johnson Park, Mulund</h2>
        <p>Johnson & Johnson Ltd. Janssen Cilag Higi House.Opp.Rallywolf L.B.S.Marg Mulund West, Mumbai, Maharashtra 400080 ~10.7 km<br></p>
        <a href="https://www.bing.com/search?q=Johnson%26+Johnson+Park%2C+Mulund&qs=n&form=QBRE&sp=-1&lq=0&pq=johnson%26+johnson+park%2C+mulund&sc=10-30&sk=&cvid=7244A4152A744FBA9121B7FD14DBEC89&ghsh=0&ghacc=0&ghpl" class="button" >Go to Location</a>
    </div>
    </div>
    <div class="card">
        <div class="imgbox">
            
        </div>
        <div class="content">
            <h2> Chhota Kashmir, Goregaon</h2>
            <p>Chhota Kashmir is a popular garden in Mumbai, which is located in Aarey Colony, Goregaon. It is one of the most popular gardens in Mumbai for love birds, couples, and children alike</p>
            <a href="https://www.google.co.in/maps?q=Chhota+Kashmir,+Goregaon&sxsrf=AJOqlzXa9hgGWx8X3oMho6w0po4qQ7g-6A:1679282664280&uact=5&gs_lcp=Cgxnd3Mtd2l6LXNlcnAQAzILCC4QgAQQxwEQrwEyBggAEFYQHjIGCAAQFhAeMgYIABAWEBA4yBggAEFYQHjIGCAAAQFhAeMggIABAWEBA4QDzICCCYYAggmMgIIJjoHCCMQ6gIQJzoNCC4QxwEQrwEQ6gIQjzoNCAAQjwEQ6gIQtAIYAToNCC4QjwEQ6gIQtAIYAUoECEEYAFCSBVjbWCsc2gCcAF4AIAB4wGIAeMBkgEDMi0xmAEAoAEBBoAECsAEUwAEB2gEGCAEQARgK&um=1&ie=UTF-8&sa=X&ved=2ahUKEwidjK6Byen9AhWljeYKHcYzBuIQ_AUoAnoECAEQBA" class="button" >Go to Location</a>
        </div>
    </div>
</div>

```

```

</div></div>

<div class="card">
    <div class="imgbox">
        </div><div class="content">
            <h2>Aksa Beach</h2>
            <p> Located a little on the outskirts of the city in Malad, Aksa Beach is an unparalleled oasis for a rejuvenating retreat from the hustle bustle of the city traffic.</p>
            <a href="https://www.google.co.in/maps/place/Aksa+Beach/@19.1760517,72.7908969,16z/data=!3m1!4b1!4m6!3m5!1s0x3be7b42e695a7097:0x48523c8334d8edf7!8m2!3d19.1759612!4d72.7953513!16s%2Fm%2F02q_nqt" class="button">Go to Location</a>
    </div></div>
    <div class="card">
        <div class="imgbox">
            </div>
            <div class="content">
                <h2>Girgaon Chowpatty</h2>
                <p>At a distance of 4.5 km from Mumbai Chhatrapati Shivaji Terminus, Chowpatty Beach, officially known as Girgaon Chowpatty, is one of the most famous beaches in Mumbai adjoining Marine Drive in the Girgaon area</p>
                <a href="https://www.google.co.in/maps/dir//Girgaon+Chowpatty/data=!4m6!4m5!1m1!4e2!1m2!1m1!1s0x3be7ce0f19846e49:0xdc9fea85298c9bf?sa=X&ved=2ahUKEwj_i43kzun9AhW7IbcAHcxhCNUQ9Rd6BAh-EAQ" class="button">Go to Location</a>
            </div></div>
</body>
</html>

```

Food page

```
food.jsp

<!DOCTYPE html>

<html><head>

    <title>My Food Page</title><style>

        *{

            margin: 0; padding: 0; box-sizing: border-box;

            font-family: 'Josefin Sans', sans-serif;}

        header{



            width: 100%; height: 100vh;

            background-image:url('food.jpeg');

            background-repeat: no-repeat;

            background-size: cover;}

        nav {



            width: 100%;

            height: 15vh;

            background: rgba(0, 0, 0, 0.2);

            color: white;

            display: flex;

            justify-content: space-between;

            align-items: center;

            text-transform: uppercase;}



        nav.logo{



            width: 25%; text-align: center;

            background: red;}



        nav.menu{



            width:40%; background: yellow;

            display: flex; justify-content: space-around;

            background: cyan;}



        nav .menu a {



            width: 120px;

            padding: 0 40px;

            text-decoration: none; color: white;

            font-weight: bold;}
```

```
main{  
    width: 100%;  
    height: 85vh;  
    display: flex;  
    justify-content: center;  
    align-items: center;  
    align-items: center;  
    text-align: center;  
    color: white;  
}  
  
.button1{  
    margin: 0px 10px;  
    border: 2px solid #A2BAF5;  
    padding: 13px 35px;  
    letter-spacing: 1px;  
    color: #000;  
    border-radius: 30px;  
    background-color: #A2BAF5;  
    text-decoration: none;  
}  
  
.button1:hover{  
    border: 2px solid #A2BAF5;  
    color: #A2BAF5;  
    background-color:white;  
    transition:0.5s  
    cursor:pointer;  
}  
  
.button2{  
    margin: 0px 10px;  
    border: 2px solid #A2BAF5;  
    padding: 13px 35px;  
    letter-spacing: 1px;  
    color: #000;  
    border-radius: 30px;
```

```

background-color: white;
text-decoration: none;
}

.button2:hover{
    border: 2px solid #A2BAF5;
    color: #000;
    background-color:#A2BAF5;
    transition:0.5s;
    cursor:pointer;
}

</style>

<link href ="https://fonts.googleapis.com/css?family=josefin+Sans&display=swap" rel="stylesheet">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.1/css/all.min.css"/>
</head><body><header>          <nav>
<div class="logo"><h1 class="">MY FOOD PAGE</h1> </div>
<div class="menu">
<ul>
    <a href="food.jsp">Home</a>
    <a href="Vegetarian.jsp">Vegetarian</a>
    <a href="Non-vegetarian.jsp">Non-Vegetarian</a>
    <a href="contact.jsp">contact us</a>
</div> </nav><main>
<section>
<h1>Welcome to our Food Page</h1>
<h1>Here you can learn and try new recipes</h1>
<h1>Learn Cook Enjoy</h1>
<p></p><br><br><br></section></main>
</header>      </body> </html>

```

Vegetarian.jsp

```
<!DOCTYPE html>
<html><head>
    <title>Vegetarian</title> <style>
        *{
            margin: 0;
            padding: 0;
            font-family: century Gothic;
        }
        header{
            background-image: linear-gradient(rgba(0,0,0,0.5),rgba(0,0,0,0.5)),url(veg.jpeg);
            height: 100vh;
            background-size: cover;
            background-position: center;
        }
        .col{
            font-size: 25px;
            font-family: century gothic;
            font-weight: bold;
            padding-bottom: 20px;
        }
        .first{
            position: absolute; top:5%; left: 10px;
            right: 10px;text-align: center;
            font-size: 40px;color: black;
            text-shadow: 2px 2px 2px white;font-weight: bold;
            text-decoration: underline;
        }
        .Vegetarian{
            padding-top: 120px;
        }
        p a {
            text-shadow: 1px 2px 2px black;color: white;
            text-decoration: none;
        }
        p a:hover{
            color: red;
        }
        .previous-button {
```

```

background-color: #055715;

border: none; color: rgb(195, 186, 186);

padding: 20px 30px; text-align: center;

text-decoration: none; font-size: 16px;

cursor: pointer; float: left;

margin-top: 1.0px; margin-left: 1.0px; }

.next-button {

background-color: #055715;

border: none; color: rgb(195, 186, 186);

padding: 20px 30px; text-align: center;

text-decoration: none; font-size: 16px;

cursor: pointer; float: right;

margin-top: 1.0px; margin-right: 1.0px; }

</style></head><body> <h1 class="first">LIST OF VEGETARIAN RESTAURANTS</h1> <form action="">

<div class="form"> <header> <div class="Vegetarian">

<p class="col"><a href="https://www.tripadvisor.com/Restaurant_Review-g304554-d2034948-Reviews-The_Earth_Plate-Mumbai_Maharashtra.html?m=19905">The Earth Plate</a>

<p class="col"><a href="https://www.tripadvisor.com/Restaurant_Review-g304554-d2034920-Reviews-Namak-Mumbai_Maharashtra.html?m=19905">Namak</a>

<p class="col"><a href="https://www.tripadvisor.com/Restaurant_Review-g304554-d804433-Reviews-Kebabs_Kurries-Mumbai_Maharashtra.html?m=19905">Kebabs and Kurries</a>

<p class="col"><a href="https://www.tripadvisor.com/Restaurant_Review-g304554-d3268182-Reviews-Nawab_Saheb-Mumbai_Maharashtra.html?m=19905">Nawab Saheb<br></a>

<p class="col"><a href="https://www.tripadvisor.com/Restaurant_Review-g304554-d5913048-Reviews-Peshwa_Pavilion-Mumbai_Maharashtra.html?m=19905">Peshwa Pavilion</a>

<p class="col"><a href="https://www.tripadvisor.com/Restaurant_Review-g304554-d8010527-Reviews-Saptami-Mumbai_Maharashtra.html?m=19905">Saptami</a>

<p class="col"><a href="https://www.tripadvisor.com/Restaurant_Review-g304554-d21387580-Reviews-Fiona-Mumbai_Maharashtra.html?m=19905">Fiona</a>

<p class="col"><a href="https://www.tripadvisor.com/Restaurant_Review-g304554-d17609451-Reviews-Gallery_Cafe-Mumbai_Maharashtra.html?m=19905">Gallery Cafe<br></a>

<a href="food.jsp" class="previous-button">Previous</a><a href="Non-vegetarian.jsp" class="next-button">Next</a> </header> </div></form> </body></html>

```

Non-vegetarian.jsp

```
<!DOCTYPE html>
<html><head>
<title>Vegetarian</title> <style>
*{
margin: 0;
padding: 0;
font-family: century Gothic;}
header{
background-image: linear-gradient(rgba(0,0,0,0.5),rgba(0,0,0,0.5)),url(veg.jpeg);
height: 100vh;
background-size: cover; background-position: center;}
.col{
font-size: 25px;
font-family: century gothic;
font-weight: bold;
padding-bottom: 20px;}
.first{
position: absolute;
top:5%;
left: 10px;
right: 10px; text-align: center;
font-size: 40px; color: black;
text-shadow: 2px 2px 2px white;
font-weight: bold;
text-decoration: underline;}
.NonVegetarian{
padding-top: 120px;}
p a {
text-shadow: 1px 2px 2px black;color: white;
text-decoration: none;}
p a:hover{
color: red;}
.previous-button {
```

```

background-color: #055715;

border: none; color: rgb(195, 186, 186);

padding: 20px 30px;text-align: center;

text-decoration: none;

font-size: 16px;

cursor: pointer; float: left; margin-top: 1.0px; margin-left: 1.0px; }

.next-button {

background-color: #055715; border: none; color: rgb(195, 186, 186);

padding: 20px 30px;text-align: center;

text-decoration: none; font-size: 16px; cursor: pointer; float: right; margin-top: 1.0px;

margin-right: 1.0px; }

</style></head><body>

<h1 class="first">LIST OF NON-VEGETARIAN RESTAURANTS</h1>

<form action=""> <div class="form"><header>

<div class="NonVegetarian">

<p class="col"><a href="https://www.bademiyancolaba.com/">Bademiyancolaba.com</a>

<p class="col"><a href="https://www.copperchimney.in/">Copper Chimney</a>

<p class="col"><a href="https://www.jaijawan.co.in/">Jai Jawan<br></a>

<p class="col"><a href="https://www.zomato.com/mumbai/lucky-restaurant-bandra-west">Lucky Restaurant</a>

<p class="col"><a href="https://www.kakorihouse.com/">Kakori</a>

<p class="col"><a href="https://www.maheshlunchhome.com/">Mahesh Lunch Home</a>

<p class="col"><a href="https://www.bademiyabandra.com/">Bademiyabandra.com<br></a>

<a href="Vegetarian.jsp" class="previous-button">Previous</a>

<a href="food.jsp" class="next-button">Next</a> </header> </div></form> </body>

</html>

```

Other.jsp

```
<!DOCTYPE html><html><head><title></title><style>

    *{
        margin: 0; padding: 0; box-sizing: border-box;
        font-family: 'Josefin Sans', sans-serif;
    }

    header{
        width: 100%; height: 100vh;
        background-image: url('images/other.jpg');
        background-repeat: no-repeat;background-size: cover;
    }

    nav {
        width: 100%;height: 15vh;
        background: rgba(0, 0, 0, 0.2);color: white;display: flex;
        justify-content: space-between; align-items: center;text-transform: uppercase;
    }

    nav.menu{
        width:85%; display: flex;
        justify-content: space-around;background: cyan;
    }

    nav .menu a {
        width: 120px;padding: 0 40px;
        text-decoration: none;color: white;
        font-weight: bold;
    }

    main{
        width: 100%;height: 85vh;
        display: flex;justify-content: center;
        align-items: center;align-items: center;
        text-align: center;color: white;
    }

    .button1{
        margin: 0px 10px;
        border: 2px solid #A2BAF5;padding: 13px 35px;
        letter-spacing: 1px;color: #000;border-radius: 30px;
        background-color: #A2BAF5;text-decoration: none;
    }

    .button1:hover{
        border: 2px solid #A2BAF5; color: #A2BAF5;
    }
```

```

background-color:white;
transition:0.5s; cursor:pointer; }

.button2{
margin: 0px 10px; border: 2px solid #A2BAF5; padding: 13px 35px;
letter-spacing: 1px; color: #000; border-radius: 30px;
background-color: white; text-decoration: none; }

.button2:hover{
border: 2px solid #A2BAF5; color: #000;
background-color:#A2BAF5; transition:0.5s; cursor:pointer; } </style>

<link href="https://fonts.googleapis.com/css?family=josefin+Sans&display=swap" rel="stylesheet">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.1/css/all.min.css"/>
</head><body><header><nav><div class="menu"> <ul>
<a href="https://www.google.com/maps/search/ATMs/@19.1834447,72.7623899,13z/data=!4m2!2m1!6e2">ATM</a>
<a href="https://www.google.com/maps/search/hospital/@19.1865755,72.8346008,12.3z">Hospital</a>
<a href="https://www.google.com/maps/search/banks/@19.1841867,72.8324939,16z/data=!3m1!4b1">Bank</a>
<a href="https://www.google.com/maps/search/shopping+mall/@19.1841866,72.8324939,16z/data=!3m1!4b1">shoping
mall</a>
<a href="https://www.google.com/maps/search/temples+and+church/@19.1832057,72.8319886,12z/data=!4m2!2m1!6e1">temple</a>
<a href="https://www.google.com/maps/search/petrol+pump/@19.031664,72.7230628,11.45z">petrol pump</a>
<a href="https://www.google.com/maps/search/Hotels/@19.0648067,72.8551076,16z/data=!3m1!4b1">Hotels</a>
<a href="https://www.google.com/maps/search/market/@19.1832057,72.8319886,12z/data=!4m2!2m1!6e6">market</a>
<a href="Emergency.html">Emergency</a></div> </nav><main> <section>
<h3>Welcome to Mumbai</h3><h1>DO come & Visit Mumbai</h1>
<p>Where dreams are fulfilled....and lives are settled !</p><br><br><br>
</section> </main> </header></body></html>

```

Emergency.jsp

```
<html>

<head><title>Responsive Table Design - Easy Tutorials</title>
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<style>*{
margin: 0;
padding: 0;
}

.table-box
{
margin: 50px auto;
}

.table-row{
display: table;
width: 80%;
margin: 10px auto;
font-family: sans-serif;
background: transparent;
padding: 12px 0;
color: #555;
font-size: 13px;
box-shadow: 0 1px 4px 0px rgba(0,0,50,0.3);
}

.table-head{
background: #8665f7;
box-shadow: none;
color: #fff;
font-weight: 600;
}

.table-head .table-cell{
border-right: none;
}

.table-cell{
display: table-cell;
```

```
width: 20%;  
text-align: center;  
padding: 4px 0;  
border-right: 1px solid #d6d4d4;  
vertical-align: middle;  
}  
  
.first-cell{  
text-align: left;  
padding-left: 10px;  
}  
  
.last-cell{  
border-right: none;  
}  
  
a{  
text-decoration: none;  
color: #555;  
}  
  
h1{  
font-size: 50px;  
text-align: center;  
background-color: green;  
}  
  
 @media only screen and (max-width: 600px) {  
 .table-row {  
 font-size: 11px;  
 }  
 }  
  
</style>  
</head><body>  
<div class="table-box">  
 <h1>EMERGENCY NUMBER</h1>  
 <div class="table-row table-head">  
 <div class="table-cell first-cell">  
 <p>service Name</p> </div>
```

```
<div class="table-cell">
<p>Number</p>
</div> </div>

<div class="table-row">
<div class="table-cell first-cell">
<p>NATIONAL EMERGENCY NUMBER</p>
</div>
<div class="table-cell">
<p>112</p></div> </div>

<div class="table-row">
<div class="table-cell first-cell">
<p>POLICE</p>
</div>
<div class="table-cell">
<p>100</p>
</div>
</div>

<div class="table-row">
<div class="table-cell first-cell">
<p>FIRE</p>
</div>
<div class="table-cell">
<p>100</p>
</div>
</div>

<div class="table-row">
<div class="table-cell first-cell">
<p>Resume Website Tutorial</p>
</div>
<div class="table-cell">
<p>999</p>
</div> </div>

<div class="table-row">
<div class="table-cell first-cell">
```

```
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<p>1363 or 1800111363</p>
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TESTING

Why Testing is Needed?

Tool-bars work properly? Are all menu function and pull down sub function properly listed? Is it possible to invoke each menu function using a logical assumptions that if all parts of the system are correct, the goal will be successfully achieved? In adequate testing or non- testing will leads to errors that may appear few months later. Testing represents an interesting anomaly for the software engineer. During earlier software engineering activities, the engineer attempts to build software from an abstract concept to a tangible product. Now comes testing. The engineer creates a series of test cases that are intended to "demolish" the software that has been built. In fact, testing is the one step in the software process that could be viewed (psychologically, at least) as destructive rather than constructive. Testing requires that the developer discard preconceived notions of the "correctness" of software just developed and overcome a conflict of interest that occurs when errors are uncovered.

If testing is conducted successfully (according to the objectives stated previously) it will uncover errors in the software. As a secondary benefit, testing demonstrates that software functions appear to be working according to specification, that behavioral and performance requirements appear to have been met. In addition, data collected as testing is conducted provide a good indication of software reliability and some indication of software quality as a whole. But testing cannot show the absence of errors and defects, it can show only that software errors and defects are present.

It is important to keep this (rather gloomy) statement in mind as testing is being conducted.

Testing Strategy

While deciding on the focus of testing activities, study project priorities. For example, for an on-line system, pay more attention to response time. Spend more time on the features used frequently. Decide on the effort required for testing based on the usage of the system. If the system is to be used by a large number of users, evaluate the impact on users due to a system failure before deciding on the effort. This creates two problems

- Time delay between the cause and appearance of the problem.
- The effect of the system errors on files and records within the system.

The purpose of the system testing is to consider all the likely variations to which it will be suggested and push the systems to limits. The testing process focuses on the logical

intervals of the software ensuring that all statements have been tested and on functional interval is conducting tests to uncover errors and ensure that defined input will produce actual results that agree with the required results. Program level testing, modules level testing integrated and carried out. There are two major types of testing they are:

- White Box Testing.
- Black Box Testing.

White Box Testing

White box sometimes called "Glass box testing" is a test case design uses the control structure of the procedural design to drive test case. Using white box testing methods, the following tests where made on

the system.

- a) All independent paths within a module have been exercised once. In our system, ensuring that case was selected and executed checked all case structures. The bugs that were prevailing in some part of the code where fixed
- b) All logical decisions were checked for the truth and falsity of the values.

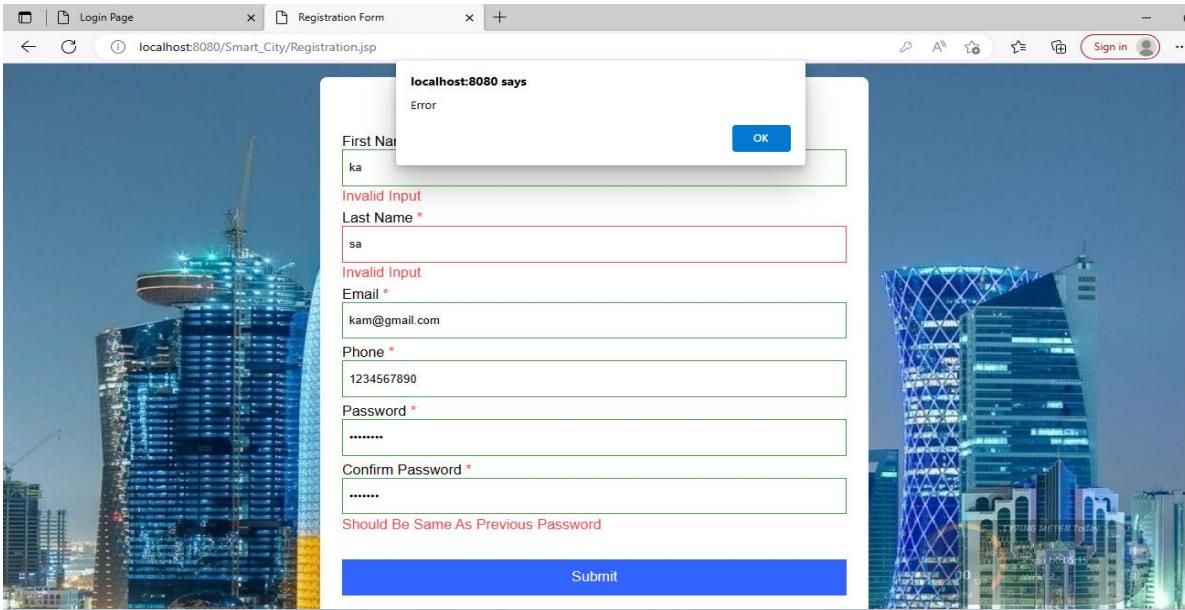
Black Box Testing

Black box testing focuses on the functional requirements of the software. This is black box testing enables the software engineering to derive a set of input conditions that will fully exercise all functional requirements for a program. Black box testing is not an alternative to white box testing rather it is complementary approach that is likely to uncover a different class of errors that white box methods like.

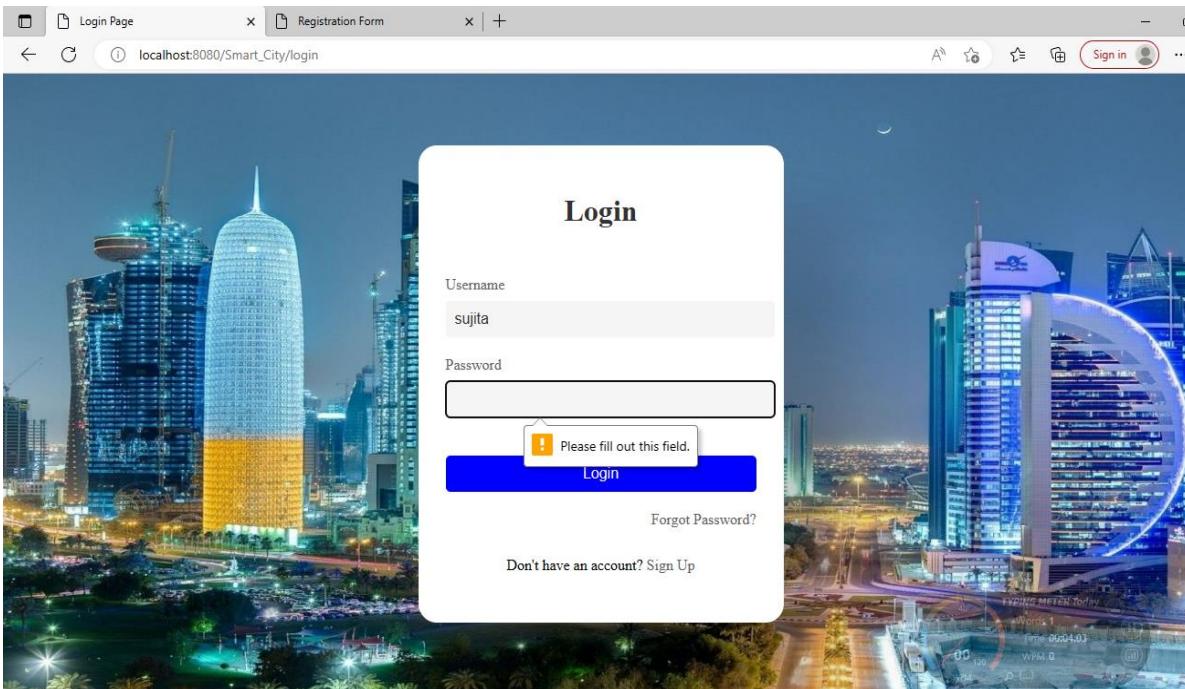
- Interface errors.
- Performance in data structure.
- Performance errors.
- Initializing and termination errors.

Screenshots of Testing

Registration



Login



Contact us

File | C:/Users/Kamini/Downloads/contact%20(1).html

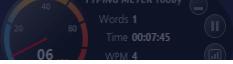
Name First and last name, please.

Phone Number Valid

Email address Email Invalid

dvh

Your Message

 TYPING METER Today
Words 1
Time 00:07:45
WPM 4

CONCLUSION

- This project is successfully implemented with all the features mentioned in system requirements specification.
- The application provides appropriate information to users according to the chosen module.
- The project is designed keeping in view the day-to day problems faced by a college.
- Deployment of our application will certainly help the college to reduce unnecessary wastage of time in personally going to each department for some information.
- Awareness and right information about any college is essential for both the development of student as well as faculty.
- The system takes care of all the constraints which are specified.
- The system is found to be really beneficial for the concerned aspects.
- Application developed is realistic and secure.
- The system is developed in such a way that the user with common knowledge of computers can handle it easily.
- The system developed has proved to be user friendly and efficient in achieving basic goals.

Future Scope

The project has a very vast scope in future. Project can be updated in near future as and when requirement for the same arises, as it is very flexible in terms of expansion.

The following are the future scope for the project:

- The feature of managing food menu, proper webpages of each module where links are added and many more can be done.
- The project can also be added for admin access.
- Can add proper detailing of the project.

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